

# Soy Coin (SYC)

**The Combined Financial and Green Energy Solution With  
Advanced Real Industry Production:  
Blockchain Crowdsale**

## **WHITEPAPER**

**Updated: May 18, 2018  
Version: 1.4**

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## ***Definition.***

*Blockchain* - the continuous consecutive chain of the blocks containing information built by certain rules. Most often it is about transactions in various cryptocurrencies, but blocks may contain also other information.

*Bounty* - a part of the tokens which are specially reserved by the developer in process of Crowdsale as a reward for active members of the community for a commission by them of actions for promoting and promotion of the project.

*Crowdsale* - an alternative financial instrument for the attraction of the capital in startups and small business enterprises.

*Ethereum* - the platform for the creation of the decentralized online services on the basis of a blockchain working at the base of smart contracts.

*Mining Farm* – a data center, technically equipped to mine bitcoins or other cryptocurrencies which requires more technical, energy and financial resources.

*Protocol Bancor* – enables the creation of networks of smart contract-based "Smart Tokens™." Smart Tokens™ hold balances of one or more other tokens--"Connectors"--and have a built-in autonomous conversion mechanism that allows any party to instantly purchase or sell the Smart Token™ for one of its Connectors, directly through the Smart Token™ contract, at a price calculated by a formula which balances buy and sell volumes.

*Smart Contract* - the electronic algorithm describing a set of conditions which performance involves some events in the real world or digital systems.

## **General Information.**

The present document is not the offer of securities and also does not demand registration or approval of the government regulating institutions. Participants are recommended to study this document attentively.

### **Short description of the project.**

Soycoin is future "stablecoin" in a blockchain community. SoyCoin (SYC) is the combination of cryptocurrency, green technology, and the real industry. Uniting these technologies we will create one of the stablest coins thanks to the created real assets. And merging with the Bancor company will give stable economic development future crypto - economy. The association of these technologies will bring invaluable benefits to all communities. The cryptocurrency industry provides the chance of deeper application of cryptocurrencies in day-to-day life. SoyCoin is the first to offer green technology solution using soybean to fuel a network of mining farms independent of the centralized power supply system. This will undoubtedly lead to strengthening and development of the cryptocurrency industry and its infrastructure.

The goods produced by SoyCoin will be purchased using various cryptocurrencies. This enables small medium enterprises to buy and sell using cryptocurrency for raw materials from SoyCoin production plants as goods for retail stores. This will expand the application of cryptocurrency in everyday life.

### **Advantages And Benefits Of The Soycoin Project:**

1. Waste-free industrial production on the basis of green technology.
2. Independent network of industrial Mining Farms with almost free electricity cost.
3. Development and broader application of cryptocurrencies in everyday life.
4. Development and application of green energy and power in the industry.
5. Development not dependent on the infrastructure of the cryptocurrencies industry.
6. Development and use of blockchain technology in the real industry.
7. Production of net organic production without the maintenance of GMO.
8. The largest network of the enterprises in various industries.
9. Creation of thousands of new jobs.
10. Development of allied industries.

## **Overview.**

The ASSAR Group company, the founder of the project is preparing a Crowdsale. The raised funds are planned to be used for the construction of a network of production plants which will be operating with the combination of green and blockchain technologies. The Mining Farms will not

require the electric grid, for the electricity will be fully provided by green energy resources. Clients will be able to buy products from the company using SoyCoin (SYC) token.

Today, there is a large number of industrial enterprises working with outdated technologies and using old equipment. SoyCoin is creating the first soybean to energy solution. This solution provides green energy to Mining Farms, without causing damage to the environment.

SoyCoin is not only unique by using the latest green technology for the production of new, ready-made products, but it also recycles the waste as new opportunities for new and cheaper products: Biofuel, Fodder Proteins and Fertilizers. Processing waste provides additional and almost free electric power which will be used for the network of Mining Farms. The Mining Farms are providing highly reliable income to the participants, while uniting the real industry with the cryptocurrency industry.

SoyCoin Mining Farms will keep a record of all products on the Blockchain. This will keep all records accurate and secure. This also enables the network to view the production and product sales, and a possibility of fast transactions and strengthening the development of cryptocurrency infrastructure.

## ***Our Vision.***

The ASSAR Group seeks to be the global industry leader in clean modern industrial productions plants across the globe. SoyCoin provides the market with qualitative products, at the same time developing and strengthening the economy of cryptocurrencies.

A key objective is to combine the cryptocurrency industry and the real industry. Cryptocurrency gives the opportunity to fund and realize projects, then the real industry creates a synergy with future plants and goods to expand the use of cryptocurrencies. Thanks to the created real assets of SoyCoin will be is a stable coin, and integration into the Bancor system will give stability to other coins of an ecosystem and development economy cryptoindustries in general.

Unfortunately, cryptocurrency is not in the mainstream, and it's not readily accepted by all retailers and shops. Analysts are pointing out that out of the 500 largest online retailers, only three accept bitcoin. At the same time even in 2016, there were only five. According to an industry expert, it is necessary to take into account the low trading volume of cryptocurrency.

The daily bitcoin trading volume averages three billion dollars against 5,4 trillion in the global foreign exchange market. The daily volume of transactions by means of bitcoin is 300 million dollars while in Visa payment service provider the daily volume of operations is seven billion dollars: <http://www.businessinsider.com/morgan-stanley-on-bitcoin-value-2017-12>.

ASSAR Group's goal is to develop a broader involvement of consumers and small business enterprises to purchase goods made by future plants in cryptocurrency. The small business enterprises who produce goods by purchasing raw materials from SoyCoin will provide finished goods to sell to retail shops. These shops will, in turn, accept cryptocurrency. This is a goal we envision for consumers and small businesses to expand the use of cryptocurrency in everyday life.

At the early stage, SoyCoin project will build the production plants to process the soybean crops. The production plants will use new technologies for processing of soybean, wheat, corn, beet (the sugar plants) and also the production of other goods at premium cost. SoyCoin is predicting the steady and revenue growth will finance the expansion of future production plants.

## ***Problems And Solutions.***

### **Problems Of Outdated Industrial Enterprises.**

One major global factor having a significant effect on the environment is the outdated industrial enterprises. The majority of industrial productions qualitatively have not updated their technology for more than 20 years. These production plants currently run and operate using traditional and outdated technology and equipment. Consequently, this has led to considerable output of emissions and environmental pollution, and various industrial waste. The waste produced is in the hundreds and thousands of tons. The consequences of these processes are water pollution, air pollution, the contribution to climate change, and the deterioration in human health.

### **Solution.**

The solution to resolving these global issues is to implement a modern and waste-free technology. A by-product of using a modern and waste-free technology is the use of waste as a secondary material resource which can again be reused and recycled.

SoyCoin project is a "waste-free green production" so all production plants will apply a modern and unique industrial, and green technology. The production plant will include water and sewage treatment, and air cleaning to filter dust. Our goal is to be zero-waste, zero-emission, and to keep the environment safe and clean.

### **Problems Of Industrial Mining.**

As the price of bitcoin continues to rise, industrial mining is a dynamically developing business which has also become highly profitable. However, the most critical problem with industrial mining of cryptocurrencies is the amount of power it consumes to supply the Mining Farms.

In a recent article in ARS Technica, "According to one widely cited website that tracks the subject, the Bitcoin network is consuming power at an annual rate of 32TWh—about as much as Denmark.

By the site's calculations, each Bitcoin transaction consumes 250kWh, enough to power homes for nine days."

The boom in a mining business has developed very quickly, but created in its wake new problems. In China, energy providers are already forbidden to provide services to mining companies. Any providers who disobey this order will be punished.

<https://mining-bitcoin.ru/news/bitcoin-miningv-kitaye>.

This problem will simply not go away, for this problem will only increase!

## **Solution.**

Our solution is to convert sewage waste into Biogas. During the course of processing the biological breakdown of organic matter as Biogas, the excess is routinely burned to torch the afterburner, in this case, it will be used as electric power to service the Mining Farms.

The Mining Farm will be not dependent on the central power supply system. Biogas creates a continuous flow of energy that is almost free of cost, this also creates a form of revenue, and not subject to rising cost of electrical power.

Participants of SoyCoin are assured that the Mining Farms will use the most modern equipment for mining. The equipment of such level is not accessible and more powerful for house farms, this solution allows the maximum cryptocurrency mining processing power.

As SoyCoin Mining Farms continues to grow, anyone can participate. We will continue to look for better solutions and alternatives, so the cost of equipment is affordable, efficient and predictable.

## **Mining Risks.**

As we look ahead into the future the existing equipment and technology used in the mining business may not be favorable, for newer technological innovations are developed. Technical innovations, such as quantum computers (QC), can represent a danger to the mining of cryptocurrencies. SoyCoin project solves this problem by diversification of risks. SoyCoin revenue is leveraged to support continued growth, expanding the network worldwide, while developing and producing innovative products and goods.

## ***Description Of The First Plants.***

The first phase is the construction of a production plant. This production plant will process clean and non-GMO soybeans, and also the production of high-quality products.

The construction of the first three plants is planned in Kazakhstan, China and Japan (options to build in South Korea, India or Vietnam). Prior to the first construction site in Kazakhstan, many of the planning and pre-work have already been completed. The project is supported by the State, along with signed documents for the construction site. The following documents are received below:

- I. Conclusion and support from the Ministry of Agriculture
- II. The Memorandum is signed with Akimat (Administration) of Almaty region
- III. Support from the state company Kazakh Invest
- IV. Support of the project from Chamber of businessmen of Almaty region
- V. The presentation and the Business plan from the Deloitte company
- VI. Working sketch of the plant

*All listed documents are available in a private account on the project website.*

The SoyCoin project corresponds to several state industry programs adopted by the Government of the Republic of Kazakhstan.

The first implementation of the project is the processing of soybeans which is in alignment with the state industry program "Productivity 2020." This program has been approved by the resolution of the government of the Republic of Kazakhstan on March 14, 2011, No. 254. The main objective of this program is to increase the competitiveness of the industrial enterprises in priority sectors of the economy by increasing labor productivity.

The second project corresponds to the industry state program "The Roadmap of 2020." The purpose of the Program is to ensure the steady and balanced growth of regional business in non-raw sectors of the economy and also the preservation, creation, and to increase jobs.

The third project corresponds to the state program "Development and Promotion of Export (Export 2020)." The purpose of the Program is to focus on the expanding enterprises of exporters of the non-raw sector economy to increase export volumes and expansion. The program is directed to support of the domestic companies of small and average business in the Republic of Kazakhstan operating and potential exporters of the processing sector.



## Working Layout Of The First Plant.



## ***The Description Of Production.***

Interest in soy products and other soy by-products continues to a steady growth worldwide. Over the past 50 years, production of soy has grown almost 9 times, and there are over 20 thousand by-products from soy. Soy products include food and non-food industry, medicine and dietary food, as a forage for pets, cattle, pigs, hens, and fish. Moreover, soy is one of the cheapest sources of protein, also important for vitality to keep you healthy. Soy is one of the major crops containing up to 45% of protein, high-quality on amino acid structure, up to 20% of oil and up to 35% of carbohydrates.

SoyCoin Project will build the first production plant which will include the latest and modern, high-tech industrial equipment to process soybeans for consumption.

1. The refined soybean oil
2. Soybean food meal
3. The fat-free soybean flour
4. Soybean concentrate
5. Soybean isolate

6. Natural soy lecithin
7. Feed proteins
8. Biogas

The revenue generated by the high-quality products will help support the cost of business operation. These products provide import substitution both in the domestic market and the territory of the Commonwealth of Independent States (CIS) countries. SoyCoin will be the first to offer these products in the territory of Kazakhstan and the CIS.

The high-quality products will be offered at a lower price because the production plant will process all waste. The main sales market for production are the enterprises located in the Republic of Kazakhstan and also the enterprises of the Customs Union and the People's Republic of China. The main raw materials for production are domestic soybean, clean, non-GMO, local production.

### ***Description Of The Main Raw Materials.***

The global market demands more qualitative raw materials for the production of qualitative products, the raw materials used in this production will be exclusively local production that guarantees the quality of the purchased raw materials. As the purchase will be made directly to producers of raw materials.

The main product at "deep" processing of soy is "white flakes." Different types of soy protein products are made from the fat-free "white flakes." The "white flakes" represents flakes of cream, light yellow or white colors without foreign smells and smacks. Protein content is not less than 49%, and fat no more than 1%. For the production of "white flakes" with high PDI/NSI value usually use the system of solvent Stripping in the gas pipe (flush) or in superheated vapors of solvent which is also called "the system of receiving white flakes." On the domestic enterprises of such systems of a solvent Stripping of the meal isn't present.

In Russia, soybean meal at the plants are received according to the scheme for pressing and extraction to remove oils. The Stripping of solvent from meal is conducted on toasters evaporators. Products of extraction have NSI 50 below owing to a denaturation of soybean protein under the influence of moisture and high temperatures. According to these schemes on the available equipment in Russia, it is possible to receive only the tested soy meal and from it only the toasted soy flour. The "white flakes" can be a finished commodity product for the realization to consumers, and the raw materials for further processing with receiving the following types of production.

- ) Soybean flour
- ) Soybean concentrate

- ) Soybean isolate
- ) Soybean texturate

Except for the main types of soy products, it is possible to receive a lot more types of valuable food, for example:

- ) A truly functional (water-soluble) soybean concentrate
- ) Pseudo-functional soy concentrate
- ) Conditional-soluble soy concentrate
- ) Functional soy concentrate, soluble, high viscosity, enzymatic
- ) Textured nibs
- ) Textured schnitzels
- ) Modified isolates
- ) Modified soy flour

In the food industry, products such as a soy protein concentrate and isolate are extremely important. They are used by the production of meat products and sausages, baby foods and food for athletes, astronauts and also for production of mayonnaise, ice cream, and dairy products (yogurts, curd cakes). Soy flour is used in a bakery, production of confectionery, as partial replacement (sugar, egg powder, powdered and condensed milk, cocoa powder, etc.) Soy concentrates are used as meat substitutes by the production of sausages, etc.

The textured grain and schnitzels from soy are used as substitutes of meat of animal origin. In the course of "deep" processing of soy valuable by-products turn out: the soy oil differing in high storage period without change of quality is also used in the food industry.

- ) Soy molasses
- ) Cover of seeds of soy
- ) Phosphatide
- ) Descent
- ) Dietary fibers
- ) Lecithin
- ) Fatty acids and glycerin - the modified fats

The special attention to proteins of soy is caused by the following factors:

- ) Availability of raw materials
- ) The unique chemical composition of seeds of soy providing profitability of industrial processing

- ) High biological and nutrition value and good functional properties of soy protein products
- ) Wide historical experience of the use of products of processing of soy in food

In the industrial technologies of receiving soy proteins, there are "know-how." The quantity of combinations of ways of development of various products is boundless. Even by the production of one type of a product of technology and the equipment at different producers may differ, then this causes small differences of products.

You will find the detailed description of products in the Business Plan of the project.

## ***Short Analysis.***

The analysis of world practice use of soybeans shows that there are several large directions of their application, namely: production of vegetable oil, forages; food, both from beans, and with use of products of their processing as ingredients for the production of food products.

Maintaining a healthy lifestyle is one of the most popular topics in the food industry. Producers of foodstuff including meat products continue to seek solutions to provide consumers with food enriched vitamins, with trace substances along with the high content of full-fledged protein and low content of fat.

In this regard, the global relevance of the use of the soy proteins which are not conceding on biological value to meat, easily acquired organism as a source of irreplaceable amino acids are constantly increasing. Soy protein is valuable to producers of meat products, for the functionally and technological properties which are now brought closer to properties of meat raw materials.

Moreover, soy offers various products that can lead to a healthy lifestyle. Although the use of soy in food has been known for several millennia, it was the by-products from full-fat soy: soy milk, tofu, etc. that was widely produced. During the 20th-century, production technologies of concentrated soy proteins were being developed. At the beginning of the century, newer products such as soy flour which was received from whole seeds, press cakes, then later fat-free soy meal. The strong bean smack restricted the market growth of soy flour, therefore, considerable efforts were made for the development of technologies of deodorizing.

The increased consumption of soy proteins is directly connected with the natural increase in production of meat production. There is also the rather rapid growth of the cost of raw meat materials. Soy proteins possess a number of the functional characteristics providing good consumer properties. It is very important that this is the only protein equal on biological nutrition value to proteins of milk, egg, meat in contrast to the to the so-called "animals," connective-tissue proteins has the least amount of nutritional value. More recently, many countries began to pay

more attention to the full value of a proteinaceous component of the foodstuff.

## ***Additional Products And Pure Production.***

The feature "given production," consists of a unique application of a newer and more economic, and clean green technology. In the course of production, the production plant receives waste by-products which are recycled so it will not spoil the environment, and will be further processed to generate additional income.

### **Production of Biogas.**

The additional processing of waste will be converted to Biogas, which will develop in turn cheap electric and thermal energy and to be used in this production.

Biogas is one of the most striking example of how convert waste to generate revenue. By-products from waste are converted into environmentally friendly gaseous fuel. This cycle of recycling allows constructing the closed-loop production.

Conversion from soy to biogas requires special industrial equipment: biogas installation. This represents a complex of engineering constructions which consists of the units and capacities intended for storage and preparation of raw materials. The equipment will be used directly for the production of biogas and also the collecting and cleaning, allocation of by-products to process, and dry part which is used for receiving high-quality mineral fertilizers and water. The electric power biogas installation is combined with the gas-turbine generator. This will not just provide electric power, but also thermal energy. The biogas plant also includes the cogeneration installation. The surplus of the received biogas on this production is approximately 2579 kWh (electric power) and 6615 KW on biogas (thermal energy).

The production of biogas prevents the emission of methane into the atmosphere. Methane exerts an impact on greenhouse effect by 21 times stronger than CO<sub>2</sub>, and remains in the atmosphere for 12 years. Methane capture is the best short-term way of prevention of global warming and to protect the environment.

While processing waste, the so-called Fodder proteins which will be on sale in the market of compound feeds is expected to generate additional profit for the project. In addition, processed waste is applied as fertilizer. It allows reducing the use of chemical fertilizers, reducing the load of ground waters.

## ***Mining Farm On The Basis Of The Plants.***

Mining Farm sustained by soybean plants have no shortcomings. It does not depend on the central power supply systems and it not impacted by the cost of electricity.


The unused biogas can be burned or used as fuel to generate about 2579 kWh. For this reason, it was a sensible and practical decision to apply industrial Mining Farm to the mining of various cryptocurrencies (such as Bitcoin, Ethereum, Zcash, Monero and other). Mining Farms are planned to be completed with the equipment ranging from 3000 - 6000 farms, with further planned expansion, and equipment upgrade. Participants of SoyCoin are assured that the Mining Farms will use the best and modern equipment for a mining. The equipment of such level and power is not usually available for owners of house farms, for this equipment allows the maximum processing to mine cryptocurrency. The Mining Farm will be the most effective of its kind – and anyone can become a participant.

### **Income From Mining Farms.**

The Mining Farm installation is expected to start approximately in 3 months after the termination of Crowdsale. During the start of the main production plant, it will switch to the biogas network. Before commissioning, approximately 50% of income from Mining Farms will be distributed among participants of Crowdsale (50% will be distributed according to the redeemed tokens (% a ratio) from the total amount of sales), 25% will go to the exchange for repurchase of tokens for the purpose of increase in demand and to granting tokens to owners to get speculative profit, 25% remain at team of the project.

We will review an example Calculation example on 09.06.2018. of income from a mining of farms in Table 1, 1.1:

Table 1.

Power	Power cost per day	Return Per Week	Cost per KH/s
300	\$ 0.8640	\$ 166.96	\$ 203
Hash Rate	Return Per Day	Return Per Month	Payback period
10,000.0 KH/s	\$ 23.85	\$ 715.54	85 days
Mines	Profit Ratio	Return Per Year	Annual Return Percentage
 ZCach	2760%	\$ 8,705.78	428%


Antminer Z9 mini – 1 pc.

**Disclosure:** Mining equipment metrics are calculated based on a network hash rate of 546,545 KH/s and using a ZEC - USD exchange rate of 1 ZEC = \$ 234.52. These figures vary based on the total network hash rate and on the ZEC to USD conversion rate. Equipment cost can vary, block reward is fixed at 10 ZEC and future block reward reductions are not taken into account. The electricity price

used in generating these metrics is \$ 0.12 per kWh. Network hash rate varies over time, this is just an estimation based on current values.

<https://www.cryptocompare.com/mining/bitmain/antminer-z9-mini/>

Table 1.1.

Power	Power cost per day	Return Per Week	Cost per KH/s
1228	\$ 3.54	\$ 13.44	\$ 0.07214
Hash Rate	Return Per Day	Return Per Month	Payback period
14,000.0 GH/s	\$ 1.92	\$ 57.59	526 days
Mines	Profit Ratio	Return Per Year	Annual Return Percentage
 <a href="#">Bitcoin</a>	54%	\$ 700.66	69%

Antminer S9i (14TH/s) with PSU ASIC – 1 pc.

**Disclosure:** Mining equipment metrics are calculated based on a network hash rate of **35,367,482,836 GH/s** and using a BTC - USD exchange rate of **1 BTC = \$ 7652.23** These figures vary based on the total network hash rate and on the BTC to USD conversion rate. Equipment cost can vary, block reward is fixed at **12.5 BTC** and future block reward reductions are not taken into account. The electricity price used in generating these metrics is \$ 0.12 per kWh. Network hash rate varies over time, this is just an estimation based on current values.

<https://www.cryptocompare.com/mining/bitmain/antminer-s9i-14ths-with-psu/>

**All these calculations are shown as an example!!!**

## ***Short Description Of Shops And Suppliers.***

The considered investment project provides construction of six producing workshops, two auxiliary workshops, a grain elevator, water treatment constructions with biogas installation: It is briefly specified the description of producing workshops and their cost below.

**First Round (PW)** – 3.875.000 (Three million eight hundred seventy-five thousand) USD.

Dimensions: length: 66m width: 18m height: 20m. (hangar-style sandwich structure metal construction). The equipment will be installed according to our custom design. The planned suppliers of the equipment:

«Europa Crown Ltd» ([www.europacrown.com](http://www.europacrown.com))

«CROWN ASIA ENGINEERING Co., Ltd» ([www.crownironasia.com](http://www.crownironasia.com))

«Shandong ChemSta Machinery Manufacturing Co., Ltd» ([www.sdchemsta.com](http://www.sdchemsta.com))

**Second Round (EW)** – 4.117.000 (Four million one hundred seventeen thousand six hundred) USD.

Dimensions: length: 36m width: 24m height: 17m. (hangar-style sandwich structure metal construction). The equipment will be installed according to our custom design. The planned suppliers of the equipment:

«Europa Crown Ltd» ([www.europacrown.com](http://www.europacrown.com))  
«CROWN ASIA ENGINEERING Co., Ltd» ([www.crownironasia.com](http://www.crownironasia.com))  
«Shandong ChemSta Machinery Manufacturing Co., Ltd». ([www.sdchemsta.com](http://www.sdchemsta.com))

**Third Round (ORW)** – 1.900.000 (One million nine hundred thousand) USD. Dimensions: length: 24m width:18m height:16m. (hangar-style sandwich structure metal construction). The equipment will be installed according to our custom design. The planned suppliers of the equipment:

«Europa Crown Ltd» ([www.europacrown.com](http://www.europacrown.com))  
«CROWN ASIA ENGINEERING Co., Ltd» ([www.crownironasia.com](http://www.crownironasia.com))  
«Shandong ChemSta Machinery Manufacturing Co., Ltd». ([www.sdchemsta.com](http://www.sdchemsta.com))

**Fourth Round (SPW)** – 615 000 (Six hundred fifteen thousand) USD. Dimensions: length: 72m width: 24m height: 15m. (hangar-style sandwich structure metal construction). The equipment will be installed according to our custom design. The planned suppliers of the equipment:

«CROWN ASIA ENGINEERING Co., Ltd» ([www.crownironasia.com](http://www.crownironasia.com))  
«Shandong ChemSta Machinery Manufacturing Co., Ltd». ([www.sdchemsta.com](http://www.sdchemsta.com))

**Fifth Round (SPI)** – 35.000.000 (Thirty-five million) USD. Dimensions: length: 120m: width: 66m: height: 24m. (hangar-style sandwich structure metal construction). The equipment will be installed according to our custom design. The planned suppliers of the equipment:

«CROWN ASIA ENGINEERING Co., Ltd» ([www.crownironasia.com](http://www.crownironasia.com))  
«Shandong ChemSta Machinery Manufacturing Co., Ltd». ([www.sdchemsta.com](http://www.sdchemsta.com))

**Sixth cycle (SPC)** – 13.000.000 (Thirteen million) USD. Dimensions: length: 36m: width: 28m: height: 24m. (hangar-style sandwich structure metal construction). The equipment will be installed according to our custom design. The planned suppliers of the equipment:

«Europa Crown Ltd» ([www.europacrown.com](http://www.europacrown.com))  
«CROWN ASIA ENGINEERING Co., Ltd» ([www.crownironasia.com](http://www.crownironasia.com)).  
«Shandong ChemSta Machinery Manufacturing Co., Ltd». ([www.sdchemsta.com](http://www.sdchemsta.com))

**Auxiliary Workshops** – 2.695.000 (Two million six hundred ninety-five thousand) USD. Dimensions: length: 36m: width: 28m: height: 24m. (hangar-style sandwich structure metal construction). The equipment will be installed according to our custom design. The planned suppliers of the equipment:



«CROWN ASIA ENGINEERING Co., Ltd» ([www.crownironasia.com](http://www.crownironasia.com)).

«Shandong ChemSta Machinery Manufacturing Co., Ltd». ([www.sdchemsta.com](http://www.sdchemsta.com))

Detailed information is specified in the Business plan.

## ***Construction Site Location.***

For the construction of the plant in Kazakhstan, the ASSAR Group company already has a location and territory with office buildings and warehouse with a total area of 10 044 sq.m. The redeemed site of 3 hectares with further expansion to 15 hectares. Access to the enterprise has an asphalt covering and railway road. On the available industrial base, all necessary communications are connected. The place of realization of the plant is the Republic of Kazakhstan, Almaty region, Taldykorgan, East industrial zone.

Construction of the plant in China is planned in the Province of Guangdong, the Province of Guangdong is located in the south of China on the coast of the South China Sea and borders on Hong Kong Special Administrative Regions and Macau. Preliminary negotiations with the Chinese companies for the implementation of this project in this province are currently under discussion.

For the purpose of respect and for the principles of openness and transparency during all stages of project implementation for investors, the information will be provided online - broadcasting on the Internet of the course of construction of the industrial plants by means of cameras. They will be specially placed in the area of the building site and further and at the plant.

## ***Development Plan.***

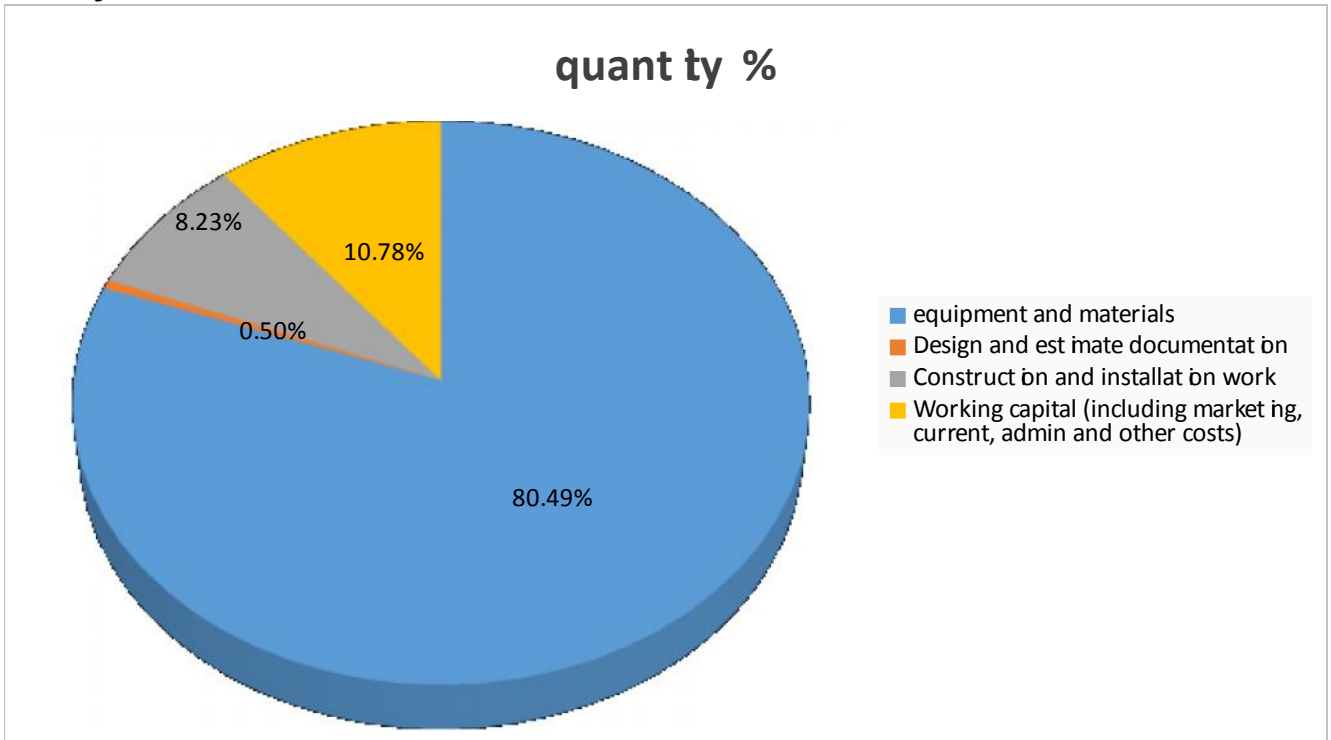
Our development plan is based on a possibility of one of five scenarios, depending on the volume of the raised funds:

- J \$25 million – construction 1 plant with a Capacity of 200 tons a day. With Mining on 3000 farms.
- J \$50 million – construction 2 plants with a Capacity of 200 tons a day. With Mining on 3000 farms.
- J \$88 million – construction 1 plant with a Capacity of 600 tons a day. With Mining on 5000 - 6000 farms.
- J \$176 million – construction 2 plants with a Capacity of 600 tons a day. With Mining on 5000 - 6000 farms.

) \$264 million – construction 3 plants with a Capacity of 600 tons a day. With Mining on 5000 - 6000 farms.

Capacity of the plant 200-600 tons per day is the daily processing of soybean.  
Depending on the volume of the raised funds sites of the plants will be defined.

### Use Of Funds.



The detailed description of Uses of means is specified in the Business plan.

The ASSAR Group plans to construct at least 2 plants in 12-15 months and to prepare for an exit good on the international markets, including to start large industrial a Mining Farm for the fastest payback of the project.

### Legal Structure Of The Project.

1. The head company (Singapore, Switzerland) for operating activities and project management. After the end of the Crowdsale, Singapore company will join Fintech association.
2. The limited liability company (Kazakhstan) – for operating activities and project management in the territory of Kazakhstan.
3. Subsidiaries in various residences (China, Japan, South Korea, India and others) for operating activities and the production purposes in the territory of the countries of future plants.

## ***The Commercial Component Of The Project.***

### **Price Strategy.**

The determination of price for products of the designed plant is planned and based on the market value of foreign analogs. The essence of a method of calculation of the prices is as follows: to determine the market price of the imported goods, from the existing cost of the imported goods minus 20% thus allows offering competitiveness of the price, then compare the cost received in the settlement way with the price of the closest analog.

The result of the determination of threshold values of minimum prices of main types of production of the designed enterprise is presented in Table 3.

Analog has been accepted as noted above – the closest similar goods of foreign production.

Table 2. Main products of the plant.

No	Name	Ton per year
1	The refined soybean oil	25 500
2	Soybean food meal	43 500
3	The fat-free soybean flour	20 000
4	Soybean concentrate	10 000
5	Soybean isolate	20 000
6	Natural soybean lecithin	1500
7	<b>Total</b>	<b>120 500</b>

Table 3. Threshold values of the prices of main types of production.

No	Name	Unit. measured.	Price per unit, KZT	% of total sales
1	The refined soybean oil	ton.	350 000	19%
2	Soybean food meal	ton.	230 000	22%
3	The fat-free soybean flour	ton.	250 000	11%
4	Soybean concentrate	ton.	470 000	10%
5	Soybean isolate	ton.	850 000	37%
6	Natural soybean lecithin	ton.	500 000	2%
7	<b>Total</b>			<b>100</b>

### **Income Of The Soycoin Project.**

The revenue of the plant on the made products in a month is presented in Table 4.

Table 4. Planned proceeds of production from realization of goods.

No	Name	Unit. measured.	Quantity	Price per unit, KZT	Total sum, KZT.	% of total sales
1	The refined soybean oil	ton.	2 125	350 000	743 750 000	19%
2	Soybean food meal	ton.	3 625	230 000	833750000	22%
3	The fat-free soybean flour	ton.	1 665	250 000	416250000	11%
4	Soybean concentrate	ton.	833	470 000	391 510 000	10%
5	Soybean isolate	ton.	1 665	850 000	1 415 250 000	37%
6	Natural soybean lecithin	ton.	125	500 000	62 500 000	2%
<b>7</b>	<b>Total</b>				<b>3 860 010 000</b>	<b>100</b>

Key performance indicators of the industrial plant within the SoyCoin project are presented in Table 5:

Table 5. Indicators of the efficiency of the SoyCoin project.

No	Financial indicators	Result
1	The number of required investments, tenge	27 351790 000
2	Net present value (NPV) of tenge	77 650 080 482
3	Internal rate of return, IRR,%	44%
4	Discount rate, %	16%
5	Index of profitability of investments, (PI),%	279,05
6	The gross profit margin in 2019,%	50,3%
7	Rate of net profit in 2019,%	38,3%
8	Payback period is not discounted, years	4,0
9	Payback period - discounted, years	5

*\* Interpretation of investment expenses is given in the business plan of the project.*

*Apparently, from Table 1, all indicators of efficiency corresponding to the adopted standards, used methodology 1.*

It is possible to draw a conclusion that the SoyCoin project can be recognized financially effective and expedient for realization according to the chosen investment strategy and the applied technology.

## ***Information On The System Of Tokens And Crowdsale.***

### **Token SoyCoin (SYC).**

SoyCoin the cryptographic token having SYC symbol. The cryptocurrency token of SYC can be divided into the transferred mutually-equivalent and interchangeable parts.

At the time of the beginning of distribution (sale) among users, the SYC token is ERC-20-a compatible token in a public Ethereum-blockchain.

### ***Purpose and order of use of SYC tokens.***

The SYC token can be used for the purchase of goods and services of future productions and also for the pre-order of future products.

### ***SoyCoin – Crowdsale.***

This project assumes crowdfunding investments into a token of SoyCoin (SYC) which is realized on a blockchain platform of ETHEREUM [2].

Sale of tokens will last 30 days without restrictions on the maximum volume of a contribution.

The release of tokens of Soycoin (SYC) is divided into two pools:

- )] The first pool assumes release of tokens in amount of 195 000 000 (One hundred ninety-five million) pieces;
- )] The second pool assumes release of tokens in the amount of 130 000 000 (One hundred thirty million) pieces.

***Sale of tokens on the second pool will be is made only after the sale of the first pool.*** At the increased demand from participants additional issue of tokens will be released.

The acquisition of tokens of SoyCoin (SYC), will precede with the stage Pre-Sale limited on time and volume of issue in the course of which, for the purpose of economic encouragement to the first group of participants an opportunity to get 2 000 000 (Two million) tokens of SoyCoin (SYC), at the special discounted price of \$0,50 that makes 50% of basic cost will be given.

The raised funds will be used for the realization of global international marketing and advertising campaigns in advance and promoting the project, registration of the head company, improvement of the organizational structure of the company.

Any owner of tokens of SoyCoin (SYC) after the specified period can exchange them for production of the company at the price below market or exchange tokens for stocks of the company at an exit of the company to the IPO.

The price of acquisition of one token of SoyCoin (SYC) at the stage Crowdsale will change as it should be specified in table 6:

**Table 6. Discount of tokens.**

Day Crowdsale	Price USD	Discount %
1	0,55 \$	45
2	0,65 \$	35
3	0,75 \$	25
4-5	0,85 \$	15
6-10	0,95 \$	5
11 and more	1 \$	0

## **Steady Economic Ecosystem.**

To become successful, SYC - the token is managed to become the engine of a steady economic ecosystem.

The ASSAR Group company will make every effort for SYC distribution - tokens among the future clients from the real sector of the economy, and also among users where there is a blockchain community. Thereby the company expects to create conditions for steady growth and creation of optimum conditions for owners of SYC and participants of the initial distribution of tokens. The growing demand for SYC which is followed by the corresponding gain of the offer is necessary for the creation of the successful economic model. Both of these requirements are provided with sales of goods.

## **Release Of Tokens.**

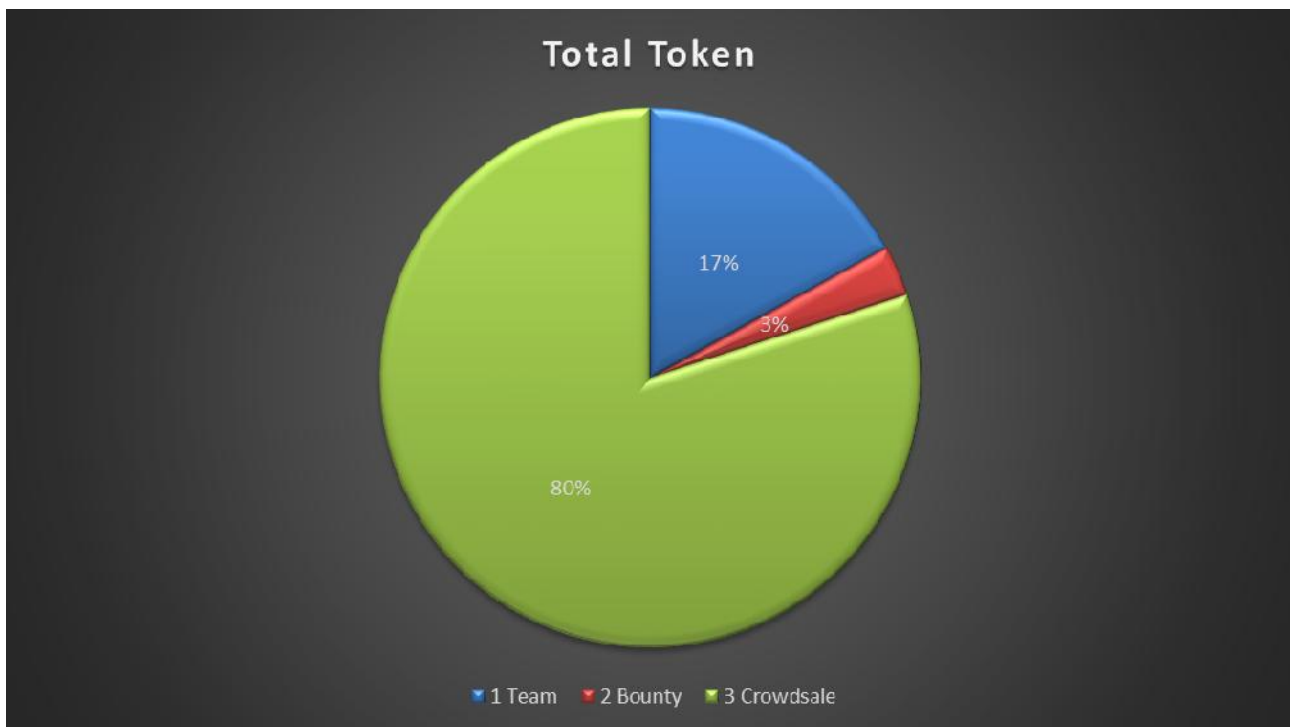
The total 325 000 000 (three hundred twenty five million) tokens will be released on a blockchain platform of Ethereum, with a basic cost of 1 (one) USD, from which 2 000 000 (two million) at the discounted price of 0,5 USD per token will be implemented in the process of Pre-Sale.

For international marketing campaigns as a “bounty” (reward community and advisers) during the Pre-sale and Crowdsale reserved 3 (three) % of the total amount of tokens. Also 17 (seventeen) % token, the project team reserves.

Thus on Crowdsale participants will be given an opportunity to get on a blockchain platform of Ethereum 258,000,000 (two hundred fifty-eight million) of tokens at the price from 0,55 USD up to 1 USD in the order described in the section "SoyCoin – Crowdsale."

Table 7. Release of tokens.

No	Name	Amount token	% of the total amount
1	Pre-Sale	2 000 000	80
2	Crowdsale	258 000 000	
3	Team	55 250 000	17
4	Bounty	4 875 000	1,5
5	Advisers	4 875 000	1,5
6	Total	325 000 000	100



## Redemption Of Token.

Two types of sale of a token are offered to participants:

1. The first type and redemption of tokens will come from the profit of Mining Farms and will begin in 3 months after the end Crowdsale, the redemption will be is made through the Exchanges for receiving speculative profit by the owner of tokens. Before commissioning of the plants of 50% of income from a Mining Farms will be distributed among participants of Crowdsale (50% will be distributed according to the redeemed tokens (% a ratio) from the total amount of sales.), 25% will go to the exchange for repurchase of tokens for the purpose of increase in demand and to granting tokens to owners to get speculative profit, 15% reinvest in new plant, 10% remain at team of the project

2. The second type and redemption will come from the profit of the plants and will begin approximately in 12 months after the end Crowdsale, the redemption will be is made through a private cabinet on the website of the project and only participants have Crowdsale with the following condition:

Price of sale of a token = 1 (One) USD

+ 50% of Soybean oil price in the first year of redemption.

+ 60% of Soybean oil price in the second year of redemption.

+ 70% of Soybean oil price in the third year of redemption.

+ 80% of Soybean oil price fourth year of redemption.

Determination of the price of Soybean oil will be is made on the website:

<http://www.indexmundi.com/commodities/?commodity=soybean-oil>

**The participant chooses a type of sale of the tokens!**

### **Example of repayment:**

The participant at the stage pre-Sale bought for \$1000 and purchased 2000 tokens of SoyCoin (SYC) at the special discounted price of \$0,50 (-50% of basic cost) for one token. At sale of tokens in the first year, he will receive + 50% of Soybean oil price.

As of December 2017, the price of market value of a product of Soybean oil is equal to 720 USD/Ton. The price of 1 kg of Soybean oil turns out it is equal to \$0,72.

$$720 / 1000 = 0.72 - 50\% = 0.36\$/kg$$

The income of the participant from his sale will make

$$\$1 + \$0.36 = \$1.36 * 2000 \text{ tokens} = \$2720 \text{ that will make } 172\%.$$

## **Marketing.**

The growing demand for products of plant origin and vegetable oils in the developed countries (for example, in Japan and the USA) and in emerging markets (for example, in China, India, and Brazil) continues to exert impact on a chain of value creation of soy products, provoking sharp price increase. Demand for high-quality vegetable oils advances domestic production of oils in China and stimulates the increase in volume of import of soy oil. The impact was exerted also by change of tastes and preferences of the population towards increase in consumption of vegetable oils and decrease in consumption of animal fats. The stable demand for soy products remains in China. For example, in 2008 the general demand for vegetable oils was estimated approximately at 1 million ton, and will shortly be 2,5 million tons. The various and increasing use of soy and soy products have helped this crop to win one of the key places on the American industrial stage. Under the influence of these circumstances, the growing number of producers in the USA (and other countries) first of all is aimed at production of soy oil, cake, meal and other soy products.



## **Target Audience (Token Soycoin).**

The ASSAR Group company specializes in the real industry and seeks to unite technologies of the cryptocurrency industry and real production. A blockchain - technologies open numerous opportunities and allow to resolve the issues of safe production and protection of products against fraudulent goods which are particularly acute for two below the specified target audiences.

### **Target audience.**

1. Participants of Crowdsale network are already not just "pioneers", enthusiasts, and skilled traders knowing how to attract the capital of investment funds and large investors. Crowdsale - a campaign is a source of working capital. In connection with the size of future assets, network of productions and sale, the project has essential potential to become one of the important sources of the capital for participants of the market of cryptocurrencies.
2. Producers and consumers: in addition to own productions, following the results of our early negotiations with producers of various production worldwide we are convinced that our production will be very attractive to many leading producers.
3. For experts of various fields of the industry: For financing and studying of future projects from the profit of the plants the fund will be created, the fund will finance various developments in the sphere of industrial production, developers connected about a blockchain - an ecosystem, free training of talented experts at the best universities of the world. All this will improve and develop the world by means of technologies of cryptocurrencies and a blockchain.

## **Roadmap.**

Table 8. **Updated** Main stages of the project:

No	month, year	Name
1	May 18 - June 18, 2018	Pre-sale Token SoyCoin.
2	August 22 – September 22, 2018	Crowdsale token SoyCoin.
3	September 2018	Purchase (payment) for equipment, preparation of design estimates.
4	September 2018 - September 2019	Repair of buildings and structures, Construction of a factory.
5	September 2019	Commissioning of industrial equipment and start of production.
6	September - October 2019	Start with the first sales and shipments of finished products.
7	December 2018	The Beginning of the Redemption.
8	2023	The company's exit on the IPO.

The main three stages of the project are: "Crowdsale", "Production" and "Redemption".

On stages looks as follows:

### **1 stage «Pre-Sale and Crowdsale»**

«Pre-Sale» 18 May – 18 May 2018. Time 09.00 AM. UTC

«Crowdsale» 22 August – 22 September 2018. Time 09.00 AM. UTC

Conducting Pre-Sale and Crowdsale for the acquisition of SoyCoin tokens using the Ethereum (ETH).

### **2 stage «Plant Construction and Production»**

September 2018 - September 2019

Plant Construction.

October 2019

Start of productions.

### **3 stage «Redemption»**

December 2018.

The first stage of repurchase of tokens SoyCoin will begin approximately in 3 months after Crowdsale and start of the first a Mining Farm.

The second stage of repurchase of tokens SoyCoin will begin approximately through the 12 months after Crowdsale and start of the plant, in a size an equivalent not less than 3 500 000 (Three million five hundred thousand) USD monthly with each plant.

## ***Team.***

The strength of the project is the presence of the created team and the work conducted for over one year. The team consisting of the experts in the areas and having wide practical experience of activity at similar positions in other projects. Presence of the strong and interested team will allow providing a possibility of realization of the purpose and a task of the project.

The SoyCoin project team consists of chemists, technologists, engineers, managers, economists with experience in industrial and financial branch. Organizers of the project have practical experience of work in the sphere of processing and realization of soy products. Managers of the company have experience cooperation with the industrial, construction, design companies, experience in foreign economic activity in export.

For implementation of the best and modern project technologies, those companies will be involved.

The ASSAR Group will continue to select the team of experts and professionals to lead, manage, and ensure the efficiency and success of the project worldwide.

## ***Warning of Risks.***

The risk factors connected with activity of ASSAR Group in general and sale of SYC tokens, in particular, are listed below:

- J Tendencies in the market of digital currency can affect tokens of SYC considerably, and the cost of SYC can fall considerably because of the events which aren't connected with SYC in the markets of digital currency.
- J The company can become subject to the international or local regulation that can limit a possibility of use of tokens for the markets of forecasts.
- J ASSAR Group will use infrastructure and experts of Bancor and therefore any adverse situations which can arise in Bancor can exert considerable impact on SYC.
- J The international laws and norms can make trade in tokens of SYC impossible.
- J Use of tokens of SYC can fall under control of public institutions.
- J The dispositions and plans given in this information document can change on the course of implementation of the project.

### ***Bancor Token Platform.***

- J Schedulable implementation of a token of SoyCoin (SYC) – a smart token with maintenance of liquidity according to the Bancor protocol.
- J Bancor represents ERC20 - a compatible token template with a possibility of maintenance of liquidity by means of the network market maker. In the 2nd quarter 2017 of Bancor carried out the initial sale of tokens on the amount of \$150 million – one of the most large-scale campaigns in a sector a blockchain.
- J Each smart contract Bancor has a reserve stock of other cryptocurrencies (BNT) for the sum equal to 4% of the relevant contract in SYC; at the same time, the exchange rate of BNT/SYC is automatically supported at such level that the reserve at any time made the specified 4%. At transactions with SYC - tokens as the second party in the transaction the market maker acts, and the bargain is concluded at the current market price. The ability of market makers to act in such quality is provided with the reserve stock of BNT which is available for them from which market makers can buy SYC - tokens.
- J Among other things, such tokens have the following features:

Any person can buy or sell SYC at any time, without risk that the transaction won't have the second party (i.e., the seller or the buyer respectively); the commission charges raised for purchase and sale transactions are known in advance (even costs of "slipping" – the change, of course, taking place in the course of transaction can be calculated in advance).

In the basis tokens of SYC are provided with a reserve stock of BNT, thereby is guaranteed that they (tokens) have an actual cost.

## ***Conclusion.***

We've witnessed a significant advancement of the development of new technologies over the past few years. However, the transition to new technologies demands a considerable amount of investment into their research and development, production modernization, and reorganization of the centralized economy. Fortunately, the development in cryptocurrency technology provides the opportunity regardless of the position, age, and other factors, without the inclusion of intermediaries to participate in these new industrial productions worldwide.

The combination of these processes – will transform the existing legacy structure and undoubtedly influence all further development of industrial productions to benefit mankind.

We invite you to join and to participate in our ambitious project. Our vision is to bring the harmony of the environment and the economy of cryptocurrency so everyone can participate in a new generation of sustainable energy and growth.

## ***Source.***

[1] <https://www.soy-coin.com>

[2] <https://www.ethereum.org/>

[3] [http://egov.kz/cms/ru/articles/program\\_kz](http://egov.kz/cms/ru/articles/program_kz)

[4] [http://www.consultant.ru/document/cons\\_doc\\_LAW\\_28224/](http://www.consultant.ru/document/cons_doc_LAW_28224/)

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[7] <https://arstechnica.com/tech-policy/2017/12/bitcoins-insane-energy-consumption-explained/>