



ZEUS

White Paper project ZEUS

ZEUS is the first company in the world recycling garbage waste into electricity, which is used for mining cryptocurrencies at the factory with its own mining capacities!



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Environmental pollution

Problem

Every person living on the planet "produces" about 300 kg or 1.5 m³ of waste per year. Today, the population of the earth is about 7.5 billion people and is projected to reach 8 billion by 2024.

Cities are buried in garbage waste, exported by thousands of tons to landfills, where unrecycled garbage is getting accumulated massively. To recultivate the land on which, for at least a few years, there was a dump of human waste is practically impossible - for this long time there is a huge amount of substances in the soil that prevent the growth of plants.

In recent decades humanity has realized - either humankind wins out garbage, or garbage destroys humanity.

In the EU countries, about 2 billion tons of garbage per year are formed, of which about 200 million tons are household waste.

The most effective way to reduce the amount of garbage is to recycle it at waste processing factories. The effect of the activity of such factories is undeniable - 70-80% of the waste received by the factory receives a second life, and when burning garbage, electricity is produced, which will always be in demand in the modern world.

With the growth of the population, the EU cities are in dire need of increasing capacities in the field of waste processing and municipalities are helping the companies that construct them in every possible way.



Solution

ZEUS – The first company that offers an innovative approach in the field of garbage waste recycling.

The main difference of the company is the recycling of garbage into electricity, which is used for mining cryptocurrencies, thus contributing to the development of world's crypto economy and decentralized systems. Thermal energy produced by mining and processing, as well as other by-products of the recycling are used by the Government to serve the needs of the population.

The created "green production" is unique in terms of applying the perspective technology of using waste and the resulting product - electricity and its further recycling into cryptocurrencies by mining, which is an inevitable evolutionary financial and ecological phenomenon.

Mining development

The first cryptocurrency to be mined was bitcoin. In 2010, it could be extracted using the power of a home computer processor, and it was very effective. Later, bitcoins began to be extracted with the help of graphic processors, which was much more efficient than the extraction on a regular PC using a regular processor.

In June 2012, the first specialized devices named ASIC for mining cryptocurrencies began to appear. The performance of these devices was several times higher than graphics and conventional processors. With the appearance of ASIC, the complexity of bitcoin mining increased 10,000 times. Due to the fact that ASIC was much quicker in mining coins, the complexity of the bitcoins network began to grow rapidly, coin extraction on ordinary equipment became more and more complicated.



The cost of bitcoin has grown over the years, and those miners who have been engaged in mining of foreign currency since 2010 and have been saving it for a long time or have begun to be one of the first to use ASIC have had and still have a fairly high income to this day. Now it is impossible to extract bitcoins at home. Mining is still profitable. For all profitability of mining, the biggest source of costs for the mining process is the cost of electricity.

Precisely this solution is the project – **ZEUS**.

The mission of our project – By cleansing the planet from garbage, develop the crypto economy

The working mechanism of ZEUS Token

ZEUS Token's own token will allow to participate in the project, its development, and also ZEUS token guarantees you to be able to rent equipment for mining and buy a hashrate developed at the mining capacities of the farm at a discount.

Decentralized implementation of participation in the project will occur through the purchase of **ZEUS Token**. It is their "decentralization" that should ensure the independence of the project from the influence of government- owned and large companies. The project fully utilizes the ideology of decentralization and improvement of the ecological situation on the planet. The Token will be launched on the Ethereum's blockchain.

The Token is produced on the basis of the Ethereum's blockchain

ZEUS Token – is the proof of membership in the project ZEUS

ZEUS – will issue 58 000 000 tokens of ZEUS Token.



Tokens will be distributed as follows:

- **15%** of the total number of tokens sold, will be distributed between the project team (distribution and sales schedule according to, see below)
- **2%** of the total number of tokens sold, will be allocated to the distribution for the bounty program of the project
- **1,000,000** tokens are intended for sale on the Pre ICO
- **49,300,000** tokens will be distributed among investors on the ICO at the price as per the table below.

The **Pre ICO campaign will start on October 25** and will last until November 25, 2017. The purpose of the company is to raise funds through the implementation of **1 000 000 tokens of ZEUS Token**. Users will get 50% bonus.

The collected funds will be used to prepare the public launch of the ZEUS project, marketing and preparation of the ICO seed-round.

ICO will be held from December 15, 2017 to January 25, 2018 and will start at 03:00 Moscow time (00:00 UTC).

The following methods can be used to purchase ZEUS Token:

- **Bitcoin (BTC)**
- **Ethereum (ETH)**
- **Euro**



Bonuses and offers

Day	Price, €	Discount on the price of buyback, % and the number of Tokens for sale in the period	
1-7	0.7	30%	5 000 000 ZEUS Token
8-14	0.8	20%	10 000 000 ZEUS Token
15-22	0.85	15%	15 000 000 ZEUS Token
Until 25.01.18	0.9	10%	19 300 000 ZEUS Token

During the tokens sale on the ICO for the needs of the ZEUS project, it is planned to collect 41,620,000 Euros, the equivalence to the mentioned cryptocurrencies above.

The collected funds will be used to purchase land, build factory facilities and a mining farm, components for assembling mining capacities, purchase of equipment for waste recycling, packaging line, loading equipment.

Also, the exchange rate differences and commissions will be taken into account when exchanging cryptocurrency for fiat money, Success fee of consultants and companies servicing the technical side of ICO and mutual settlements with early wholesale investors.

Tokens intended for the team will be distributed on a monthly basis at 5% of their total number within 20 months after plant launch.

To avoid negative impact on the cost of tokens on the market, the company will burn tokens monthly in the amount of the corresponding budget.



After the plant launch the company will provide services for renting mining equipment and selling hashrates to users. The company will use the generated electricity from garbage processing for mining of cryptocurrencies such as ETH/ZEC/DASH/BTC, etc. The company's mining capacities will be leased out.

Based on the calculations of the future activity of the plant and mining capacities listed in the "Commercial component of the project" section, the pricing of capacity leasing out and sales of hashrate to users will be implemented on the following conditions:

Mined cryptocurrency	Capacity	Renting price per year (€)	The price of capacities rent for 2 years (€)
ETH	100 MH/S	1750	2000
DASH	500 MH/S	1450	1750
LTC	200 MH/S	1350	1850
BTC	14,000 GH/S	1500	1600

* Prices calculation for October 2017

The hashrate generated in this way will be sold to the user - the contract for capacity rental will be sold for Zeus Token at a 50% discount.

It is important to note that in this list there are currencies that are mined on GPU devices and specialized devices such as ASIC. This approach will allow us to flexibly react to the rapidly changing market of cryptocurrencies.

GPU devices allow us without additional material costs to change quickly the type of extracted cryptocurrency. Although at certain stages of the market they do not give excess profits.

Mining based on devices such as ASIC allows to receive higher revenues at certain stages of the market, although it is not flexible in applying this equipment to a wide range of cryptocurrencies.



Mathematical justification (based on the electricity limit and / or budget for the purchase of equipment):

GPU device in the amount of 21 000 video cards with a calculated hash rate of the card 27 MH/s on the algorithm ETHASH. The yield of such a system per day is about 105 ETH coins or in the euro equivalent of 35,000 €.

Consider the situation that, for technical reasons, ETH mining will no longer be possible. In this case, the GPU devices can be transferred to another crypto currency without additional material costs and equipment upgrades. On the example of MUSIC in this case, the yield will be 652 000 coins or 21 000 € per day.

Devices of ASIC type in the amount of 2 000 items and the power of one device is 22 GH / s by the example of a DASH coin. The profit of such a system per day is 598 coins or in euro equivalent of 206,000 €.

Devices of ASIC type in the amount of 2,500 items and the power of one device is 14 TH / s using the example of a BTC coin. The profit of such a system per day is about 9.9 coins or in euro equivalent of 44 000 €.

Taking into account the above data, the approach with a diversification of possible risks. Where 3 types of possible devices are applied. 1750 items. GPU miners (6 video cards in each), 650 items. ASIC X11 for the DASH coin, 1200 items. ASIC SHA 256 for BTC. This proportion was composed based on the current situation of the cryptocurrency market for the most balanced distribution system of possible risks, with the optimal level of profitability. Guided by the principle of maintaining a balance between risks and profits, the generation will use 3 basic and liquid cryptocurrencies ETH / BTC / DASH.

This proportion of types of devices and produced cryptocurrencies will allow obtaining a predicted profitability of about 150,000 € per day or 54,750,000 € per year, which will allow the company to fulfill its obligations to the investor, even if the forecasted yield is 2 to 2.5 times worse.



* These calculations were made based on the market conditions on September 3, 2017. Based on the limits of the amount of electricity and the budget for the purchase of equipment.

** In case of changing the market conjuncture, the type of extracted currencies can be changed, as well as the proportional ratio between the GPU and ASIC devices.

In this way, the token owner benefits from the difference in the purchase of the token in the early stages and benefits from the 50% discount provided when purchasing the equipment rental contract from our company for Zeus Token. ZEUS Token will be withdrawn from the trade turnover and utilized in the number of distributed tokens for the team, as well as in future when the project is expanded (in the long-term plans to build 3 plants in Germany by 2025, one in the Czech Republic that potentially can lead to an increase in the added value of those remaining on the market tokens and add value and increase the benefit of using the token as a payment instrument for the contract for the lease of mining equipment).

ZEUS Token will help you participate in environmental protection technological progress and promote the development of the cryptoeconomy.



Commercial component of the project

This project assumes crowdfunding ZEUS Token, which is implemented in the form of a tool on blockchain.

Model scheme of project's implementation:

ZEUS. Project's 3 main stages:

1. "Investment attraction (ICO)"
2. "Production"
3. "Provision of mining capacities for rent"

Project's timeline by stages:

1 stage «Investment attraction (ICO)»

November - January 2018

Conducting an ICO for the token purchase of ZEUS Token using Ethereum (ETH).

In the first days of the ICO, the tokens will be sold with a discount of -30% of the current (base price) 1 Euro, which is calculated based on the calculation of electricity generation and mining of ETH/ZEC/DASH/BTC.

Next, the token price will grow evenly.

Note: additional information will be posted in the investor's backoffice on the project's website. Due to the collected funds from ICO, an investment budget will be formed for the construction of an industrial garbage recycling factory, the launch of electricity generation and mining of ETH/ ZEC/ DASH/ BTC.



2 stage «Production»

January-February 2018

Purchase and rent of land in the industrial zone of Dresden, Germany.
Designing and obtaining permissive documentation.

March-August 2018

Construction of the building and production of industrial factory equipment and mining capacities.

August-November 2018

Commissioning of industrial equipment and start of new production, purchase and assembly of mining equipment.

November-December 2018

Start of receiving and recycling garbage, shipment of finished goods and extraction of cryptocurrency.

3 stage « Provision of mining capacities for rent »

December 2018

Provision of mining capacities for rent.



The main purpose of the ZEUS project crowdfunding:

For investors: benefit from the difference in the purchase of the token in the early stages and benefit from the discount of 50% when buying a rental contract for mining capacities from our company for Zeus Token.

The advantage is also the diversification of risks of a low rate of BTC - we also use it for mining GPUs, which can work on various algorithms and have the ability to earn profitable at the moment cryptocurrencies.

In the market situation of mining economic disadvantage (which is extremely unlikely), the company has the opportunity to sell generated electricity to the municipality of Dresden, Germany.

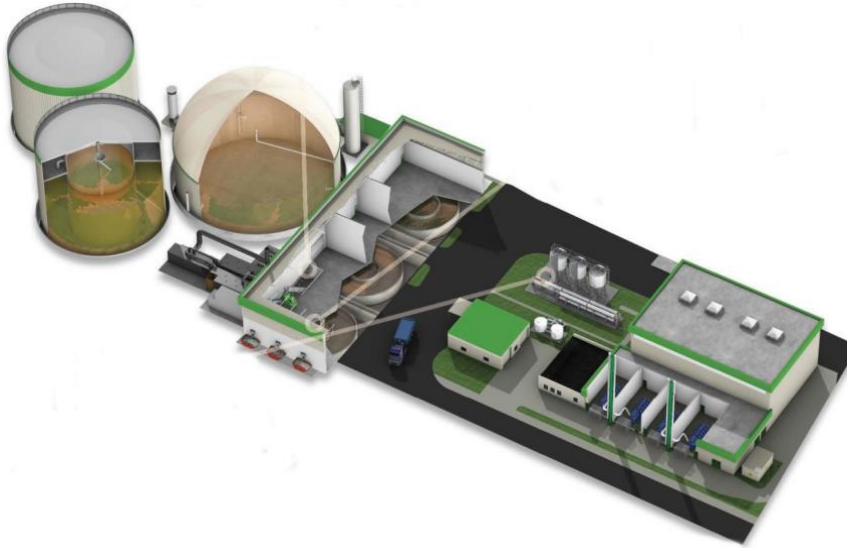
For the community is to create environmentally friendly production - "green production": the development of a new tool and decentralized financing of industrial production from the recycling of garbage into electricity used for mining cryptocurrencies, which contributes to the development of crypto economy.

Brief description of the production process:

The raw material for the factory is garbage and food waste.

The ZEUS project provides the construction of three main garbage processing complexes WABIO® Technologie GmbH Waldhornstraße 24 D-80997 München and a mining farm at the plant:

1. Receiving complex, sorting and preparation of waste
2. Fertilizer production workshop



Mining capacities (AMD Rx 570-580, Nvidia 1060,1070,1080 as well as Asic for BTC and Dash mining)

Distribution of funds in the event of insufficient attraction of funds:

Since the construction of the waste recycling factory is at least 10 months, the mining component of the project will be launched in the first place, so that the investments will pay off even before the factory is put into operation.

Electricity for the provision of mining will be purchased from the power distribution company. Since the commissioning of the garbage recycling facility, mining will be provided with a cheap electric power of its own generation.



In this situation, investments attraction is divided into conditional stages to secure investments in case of an incomplete project investments raising.

In case of an insufficient investments attraction of the project, the funds will be distributed as follows:

Device	1 million (€)	5 million (€)	10 million (€)
GPU	87	435	875
GPU 165	33	165	325
ASIC BTC	60	300	600
Кол-во	300	900	1800
Consumption			
MWatts/year	1932	9660	19320
MWatts/hour	0,22	1,1	2,2

* The budget includes the construction of a facility and infrastructure.

If the project collects only a part of the funds for the mining component and / or an incomplete amount for the construction of a recycling factory - the project will be implemented partially, in accordance with the amount of funds raised.

The lack of financing can be covered in several ways:

1. Launch of the second round of the ICO;
2. Increase in the share of investments in the project by German partners;
3. Attraction of credit bank funds (the loan can be provided for a waste processing project or for a factory + mining);
4. Using several of the above methods together



Planning of income from the ZEUS food waste recycling complex (2017/18)

Revenue from heat sales	851 052 €
Fertilizer sales (37 000 t/year dried) NPK bioactive fertilizers wholesale 20 €/tonne	740 000 €
Revenue from waste processing 20 €/tonne (36 000 t/year)	720 000 €
Revenue from the entire waste recycling complex	2 311 052 €
Electricity volume produced 38 648 000 KW/h per year	54 750 000 € per year
* The use of the generated electricity for the production of ETH / ZEC / DASH / BTC according to the scheme described above	
Total revenue per year	57 061 052 €

(in this calculation, the current rate for August 2017 4000 € / BTC was used)



Planning costs for the recycling food waste complex ZEUS (2017/18)

Electricity costs	377 171 €
Maintenance costs	
a) Material costs	87782 €
b) Operating costs - maintenance	335 240 €
c) Insurance for 12 months	100 000 €
Total cost of the complex	
a) Staff costs	291 200 €
b) Expenses related to the plant activities	1 250000 €
Total costs per year	2 441 393€
Total revenue	57 061 052 €
Total expenditure	2 441 393€
Annual profit after taxes	53 239 659€
Profit per month	4 436 638€

(in this calculation, the current rate for July BTC / USD 4000 € was used)

Within 6 months after plant launching the state of Germany will pay from 30% to 70% of the cost of the plant, which is 20 million euro.



Cost of the complex

Waste recycling complex (including packing line)	20 000 000€
Acquisition of land, construction of buildings for a mining farm, components for assembling mining capacities, exchange differences and commissions for cryptocurrencies exchange for fiat money, banks commissions, Success fee of consultants and companies servicing the technical side of the ICO project, mutual settlements with early wholesale investors	21 620 000 €
Total cost of the complex	41 620 000 €



Key efficiency indicators of construction and payback of an industrial factory within the framework of the ZEUS project

With a BTC rate up to 4000 € Investment costs- 41 620 000 € Net income - 53,239,659 € Payback period - 9 months.	With a BTC rate up to 4800 € Investment costs - 41 620 000 € Net income - 58 303 000 € Payback period - 8 months.
With a BTC rate up to 5300 € Investment costs - 41 620 000 € Net income - 63 560 000 € Payback period - 7 months.	With a BTC rate up to 6200 € Investment costs - 41 620 000 € Net income - 70 182 000 € Payback period - 6 mec.

* Income without discounting

Stages of the construction of the factory:

The Estonian holding company in the amount of implemented during ICO ZEUS Token will provide a loan to a German legal entity that will implement sequentially all stages of the construction of an industrial factory. The following steps to implement the construction of the plant can be divided into 3 main stages, which were described above. In order to comply with the principles of openness and transparency during all stages of the project implementation, an online broadcast on the Internet will be provided on the progress of the construction of an industrial plant using cameras. The cameras will be located on the territory of the construction site, later on at the factory itself.



Market and industry

In the years 2016-2017 the cryptocurrency market showed a huge growth. For example, Bitcoin BTC grew from \$ 800 to \$ 4,000, the market capitalization of cryptocurrencies at its peak in 2017 reached 80 billion USD.

For the mining, the ETH / ZEC / DASH / BTC was chosen because the cryptocurrency market is very dynamic. We will switch our capacities to the mining of the most economically profitable currency, depending on medium-term trends on market. The point of no return is passed, cryptocurrencies and the blockchain are rapidly entering the economy and the development of this technology is inevitable. Many analysts predict a rise in the price of Bitcoin to \$ 10,000 in the next few years.

Risks:

Since the cryptocurrency market is very volatile, periodically, in the short term, the risks of the rollback of the value of currencies by 20-30% are possible, a temporary period of unprofitable cryptocurrency extraction. Temporarily unlikely periods of lack of profit from the production of cryptocurrencies are possible, for example, in the case of an increase in the complexity of extraction followed by a simultaneous rollback of the value of the cryptocurrency.

Minimization and leveling of risks by the company:

Asics and GPU will be used for mining, which can work on different algorithms, extracting various cryptocurrencies, thus allowing to diversify the risks of falling of one currency, and, if necessary, switch to a cryptocurrency that is profitable for mining at the current time. In the event of a temporary lack of profit from the mining, ZEUS will sell electricity generated from garbage recycling to the local municipality of Dresden, Germany.



Our team

The **ZEUS team** has 5 years of experience in the field of garbage recycling, as well as 2 years of experience in assembling capacities for the production of cryptocurrencies and directly mining.

The overall project team consists of 8 people.

Key staff:

Alexander Pilipenko, CEO

Since 2003 has been taking part in heavy industry, recycling and energy projects development and implementation. In 2007, he successfully created and manages the company in the real economy sector, which has high positions in the energy resources market and EU countries.

Boleslav Voytsekhovskiy, Head of cryptocurrency mining direction

Started working with cryptocurrencies and blockchain in 2015. Organized the production and sale of mining equipment, work of a large data center for cryptocurrency mining in Poland. Before that he worked as a Commercial Director in such companies as «Energocapital» LLC and «Dis-Energo» LLC.

Irina Prokhorova, CFO

12 years of experience in the financial field. Specialist in the implementation of financial enterprise activities aimed at providing financial resources, formation and distribution of income/expenses. Has a successful experience in the field of monitoring the performance of financial indicators, loan attraction, studying the credit market, coordination of operational and management accounting.



ZEUS

Josef Braun, CTO

Has an extensive experience in the field of projection design, engineering services and solutions for the construction and operation of biogas plants, industrial recycling of garbage and solid household waste, food industry waste and agriculture. For more than 15 years he has been heading the company BIT Braun Industrial Technology GmbH.

Baev Sergey, Escrow

Experience in pre-sale preparation of companies, experience in implementation, control and project management, a partner in a corporate consulting company.

Alexey Karasev, CBO, Project development director

Has experience in managing mining and road construction companies, as well as experience in installation and management of waste processing plants.

Alexander Chochia, Escrow

Deep knowledge and extensive experience in financial field of expertise, worked for a long time in the banking sector as the First Deputy of the General Director of Privatbank Georgia (Tbilisi), worked in the First Commercial Bank / TAO BANK in the position of a General Director, also as a Director of EUROPACE Insurance Company.

Erki Casar, Project's lawyer:

Experience in advising enterprises in the field of international and corporate law, extensive judicial practice. Cooperation and serve with the following companies during the working period: **Skankristall OÜ, OÜ Annamari, OÜ Kodu Haldus, Creditmarket OÜ, Adolfi Õigusbüroo OÜ (Estonia).**



Terms and Conditions

This document is for informational purposes only and is not an offer or call to sell ZEUS Token shares or securities or any other related or associated company.

Tokens ZEUS Token do not provide the right of control.

Owning tokens ZEUS Token does not grant its holder the right of ownership or the right to property in ZEUS. While the community's opinion and feedback can be taken into account, ZEUS Tokens do not give any right to participate in decision making or any direction of business development related to ZEUS.

Absence of guarantees of income or profit:

All examples of income and profit calculations used in this paper were provided only for demonstrative purposes or for demonstrating the industry's averages and do not represent a guarantee that these results will be achieved, according to the marketing plan.

Regulatory uncertainty:

Technologies related to blockchain are subject to supervision and control by various regulatory bodies around the world. ZEUS Token may fall under one or more requests or actions on their part, including but not limited to imposing restrictions on the use or possession of digital tokens, such as ZEUS Token, which may slow or limit functionality, or redemption of ZEUS Token in future.

Due to unforeseen circumstances, the objectives set forth in this document may be amended. Despite the fact that we intend to reach all the points described in this document, all persons and parties involved in the purchase of tokens do this at their own risk.



Quantum Computers:

Technical innovations, such as the development of quantum computers, may pose a danger to cryptocurrencies, including tokens of ZEUS Token.

Risk of loss of funds:

Funds collected in the ICO process are not insured. In case of loss of value, there is no private or public insurance representative, to which the buyer can apply.

Risks, fails:

It is possible that for various reasons, including without limitation, the insolvency of business arrangements or marketing strategies, the ZEUS EcoCryptoMining project and all subsequent marketing actions regarding the collected funds in this ICO may not succeed.

The risk of using new technologies:

Crypto-tokens, such as ZEUS Token, are a fairly new and relatively untested technology. In addition to the risks mentioned in this document, there are additional risks that the ZEUS team can not foresee. These risks can materialize in other forms of risk than those specified here.

Integration:

This Agreement constitutes the entire agreement between the parties with respect to the subject matter of this Treaty. All previous agreements, discussions, presentations, guarantees, and conditions are combined in this document. There are no warranties, representations, conditions or agreements, express or implied, between the parties, except as expressly provided in this Agreement. This Agreement may be amended only by a written document duly executed by the parties.



Disclaimer of Warranties:

You agree that your use or inability to use tokens of ZEUS Token is at your own risk only and you take all responsibility with Zeus EcoCryptoMining. From the time of release, tokens of ZEUS Token will be sent to you without warranty of any kind, either expressed or implied, including the disclaimer of any warranty of all implied warranties of commercial value for a particular purpose, title, without violating anyone's intellectual property rights, because some jurisdictions do not allow the exclusion of implied warranties, the above exceptions to implied warranties may not apply to you.

ZEUS - www.zeus-token.io