

White paper EcoEnergy (ed. 14.01.18 version 2.3.)

Problem

A problem that every day becomes more and more crucial for our wonderful planet is overpopulation, and, consequently, the disposal of human life products, and the reduction of natural resources store. The quantity of waste floating in the ocean, defiling beaches, residential areas, and woods is growing. In European countries the problem of waste disposal is solved with the help of government and cheap big money, but in less developed countries and even in faraway territories of Europe the problem stays open, and governments have no solution prospects. So what is to be done?

Solution

The “EcoCoin” project is designed not only to solve the problem of waste management, but also to reduce the necessity of extraction of natural resources using energy of recycled waste. EcoEnergy will implement modern technologies to get electric energy from waste as well as technologies of purification of effluent and sewage water and their further recycling into clean water for secondary use and electricity.

The company EcoTF has at its disposal technologies of high-temperature pyrolysis. It is the most modern technology of recycling that functions without harmful emissions and gives the maximum efficiency coefficient from recycled waste to modern, certified for Europe technologies of recycling effluent and sewage water into clean one while concurrently obtaining electric energy and heat.

Nowadays technologies allow recycling waste not only at huge factories, but also at small stationary and mobile ones, including small towns with the population of 25.000 and more people. An important point in this technology is that it is not only that waste gets disposed, but the final products of the recycling appear as fuel for heating and/or fuel for electric energy generation.

The realization of this project was chosen via ICO to grant a simple opportunity of installing such factories in any town (or at a big factory) not only with the help of government or significant investors, but also due to the interest that people have in every town, region, or country. Each person who owns EcoCoin tokens will be able to not only send his tokens to a chosen project and become a co-

owner of that plant, but also to share the interest, i.e. to receive dividend as an investor.

Economy of the project in stages:

1. Attracting basic investment for organization process and launching the project for large audience (website, advertisement, legal backing, smart contracts etc.)

The budget is 100.000 euros. At this stage, EcoEnergyCoin is sold to investors with benefit 1 to 2.

Start in January 2018. Provisional time of passing – 3 months.

- 1.1. At the first stage it is planned to create special smart contracts to ensure the possibility of investing in concrete projects. For example, projects and different wallet numbers for them will be exposed on the website in the “Projects” section. If an EcoEnergyCoin is sent to some concrete project, the investor will get the same EcoEnergyCoin, but we will know that the investor wants to build this very plant, and, as soon as the project gains the funding required (it will possibly be done step by step in case of some projects), the project gets started. At the same time, there will be a common wallet for the purchase of EcoEnergyCoins as well, from which they will be distributed into projects in proportion, and besides into the development of the EcoEnergy system and into the development of technologies.

After that, according to the investment wallet chosen, respective interest from profitability of investment in a concrete plant and/or in the whole system will be charged.

That is why it is recommended that investors put part of their money in the common wallet for purchase of EcoEnergyCoins – that would stand for investing into the system, and put the other part into a concrete project one is interested in, for example, in one’s region.

2. Placing a token of the EcoEnergy project at a stock exchange using the ICO technology and selling it to private investors. Spring of 2018. Putting up 100.000.000 EcoCoins for sale. The benchmark price is 1€ for 1EcoEnergyCoin.

The minimum sale threshold for launching a project into the full stage is 300.000 EcoCoins (which is a minimum price for a pyrolysis plant). Before the minimum threshold of investment is reached, the money from selling coins are accumulated on a special fund.

Simultaneously with collecting money on ICO, we will work with activists and authorities on the topic of locating recycling stations in any place of the world. A database of territories and its activists for locating pyrolysis and purification plants will be created and updated in a constant way. Activists will get legal backing in coordinating the documentation with authorities and in drafting an exact business plan. When checked by our team, each business plan will be exposed on our website so that it could be commonly checked, critically considered, cleared from minor faults and chosen by members of the project for funding.

Nowadays there are representatives who are interested in developing the company in Spain, Germany, Czech Republic, Moldova, and Russia.

3. All the projects that get approval of the team will be published on the website and available for investment by means of sending them to EcoEnergyCoins owners to vote for. The mechanism of submitting a project, its evaluation by specialists and voting for investment in each one of the projects by EcoCoin owners will be described later on the official website of the project.
4. The execution of the projects will be controlled by our team and by external auditors. Complete public reports for investors will be published.

Before putting the EcoEnergyCoin on a stock exchange the EcoEnergyCoin is planned to be sold in the following way:

It is planned to launch preliminary sales based on Waves platform. The advantage of this platform is its fast and cheap transactions that are thus not overloaded unlike those of Ethereum network. Besides, Waves does not bear big extra charge for commission while buying/selling EcoEnergyCoin unlike Ethereum and Bitcoin that are more popular. You can find a video-instruction on investments into EcoEnergy on the company website which is EcoTF.net .

The official sale of EcoEnergyCoins at the stage of preICO will be presented via the Waves platform for ETH and Euro. Having entered the stock exchange on the Waves platform an investor will have to, first, choose a currency for investment, and second, insert a code in the EcoEnergyCoin search box (will be provided in the company's website) (one may have to insert the code twice, as at the moment the platform has a technical problem that is it impossible to search for new coins by name, it is only possible by code)*

In the section of purchase for other currencies, the team members' and investors' sales of EcoEnergyCoins into the secondary market will be placed.

Cost effectiveness of the project:

Investors will make money not only on the growth of the very EcoEnergyCoin on the whole, but also on the profit of a concrete project they have invested EcoCoins in. A convenient point for investors, unlike in case of buying shares or portions in a company, is that they can sell their EcoEnergyCoins for any other digital currency or fiat money (such as euros) at any time, and besides join the project once again at any time. In this respect, one of the main advantages of the project is that there is no need to search for one big investor, to depend on him, to bond one's stock, to take on expensive loans in banks. With that said, big investors can enjoy the convenience of being able to enter with any capital to begin with and exit/enter in portions, depending on the necessity of moving money to ensure current support of their other projects.

Here is an example (figures obtained in calculation of one of the projects):

Expenses for the launch of the project in euros:	€
Setting up a company	5 000
Getting of licenses, ratifications, general expenses	5 000
Basic equipment	200 000
Extra equipment (chopper)	90 000
Equipment of the 2nd stage (electricity generating station) - 1 MW/h	173 000
Delivery	5 000
Customs clearance	20 000
Backup generator for proper electricity	15 000
Assembling and startup (including the transport and accommodation of the specialists)	20 000
Working assets	47 342
Total investment:	580 342
Monthly expenses in personnel, lease, taxes etc.	23 671
Monthly income from selling electricity	48 720
Profit	25 049
Income in euros for each EcoCoin per month/year	0,0432/0.515

The calculation belongs to a project of good cost effectiveness, which involves pyrolysis of a certain kind of waste, already sorted, into fuel and electricity generation.

All the holders and the team will receive a certain share of profit from the share of profit of every EcoEnergyCoin, the rest being divided among the investors of a concrete project. Interest on it will be included in the very smart contract of every plant and will be discussed beforehand by all the potential investors involved.

The supposed profitableness of the projects, when carried out, is 12% and more for investors, adding the income of the general system and the team. But if it will be necessary to build a less cost-effective plant in some territory, it is possible as well if an investor wants it and if the system and the team are ensured with the minimum profit.

Investors that do not have digital currency will be able to invest fiat currency (such as euros), and the team will transfer the respective number of EcoEnergyCoins to wallets created by him. In other words, investors of the fiat world will not be obliged to bear expenses on inserting money into the digital currency world. With that said, all the investors may make use of the common advantages of the system:

- complex approach
- minimum prices for procuring modern basic and complementary equipment due to large volume of the general system
- the team ensures legal, tax, consultative, and advertisement backing of each project, which separately reduces expenses on these items and speeds up launching of the plants
- administrative resource (due to the possibility of mass participation of partners from different countries in the project, a team of fellow-thinkers is created, and they can solve different problems, including administrative issues, in their region or country, not only caring for their own project, but helping the whole system to develop other projects)
- investment of part of profit of the system in elaboration of new technologies of higher and higher equipment minimization with the idea of finally managing to recycle all waste within every separate household/production (such a possibility exists today as well, though at the moment it is not very economically reasonable in case of small volumes)

Distribution of EcoCoins and the profit:

The original plan was to sell the bigger part to investors at the seed stage, and then collect investments for ICO for building of plants. But due to going ahead of schedule, the financial plan was somewhat reconsidered.

100.000.000 EcoEnergyCoins are created at once and are launched on the Grande Bank exchange at the price of 1€ for 1EcoEnergyCoin. The number of EcoEnergyCoins is originally big because they are needed, first of all, as means for investing in projects of building electricity-producing plants. Besides, considering the fact that follow-on emission negatively affects an investor's opinion of the value of the coin, it is decided to fulfil the original emission presupposing potential scaling and to limit the possibility of follow-on emission, selling them as and when it is necessary to sponsor projects.

While investments are collected within the limit of 100.000 euros, the internal part of the project specified above (website, legal part etc.) gets developed. All investments that exceed this sum are transferred to a special fund distributed into different currencies (for higher safety). This fund will be used directly to build plants for recycling of waste into electric energy.

The price of EcoEnergyCoin within a stock exchange will grow stage-by-stage, from the moment of getting governments' ratifications, obtaining permission to start up plants, the plants' gaining the first profit etc. Here an important point is that in such a scheme of economic relations it is not necessary to first pay interest for loan capital and withdraw money put up by an investor, and wait for profit after that. Any investor at any moment can get part of his capital via the exchange without having to freeze the project, since assets invested in concrete projects stay in them, and it is only votes' owners that will change.

The project is not superprofitable as many other digital currency ones, and will not give 100.000% per annum, but at the same time this secures the project against pump and dump, i.e. against swinging the system in order to simply enrich the traders.

By means of attracting the most modern technologies, applying a complex approach and overall legal and economic backing of the whole project, the calculated profit from every plant will amount to 20-60% per annum, i.e. taking into account good annual average profitability of 7-8% for European investors, not to speak of a frequently negative rate of the ECB, after a first successful plant launch the EcoEnergyCoin itself may go up in price several times.

EcoEnergyCoins themselves will be used for construction of electricity generation plants as well as for purchasing this very electricity generated on these plants. This means that the more electricity prices in the world grow, the more EcoEnergyCoin itself grows.

Organizational advantages:

Beside high profitability and growth prospects, the project has its reputational significance. The plan is that, if requested, a certificate of participation in a project of improving of ecology on the planet will be given to each EcoEnergyCoin owner, common meetings of all the participants among themselves and with representatives of local country authorities will be organized. Participants will have fewer problems while solving administrative issues in governments if they are backed up by a team who cares for the planet's ecology.

Besides, in every single case while plants are constructed, when possible, subsidies wide-spread in many countries will be attracted. From the very first stage, the team's lawyers will prepare convenient instructions of getting subsidies for every country of interest and will build on ties in countries where there is still no communication with the government.

Economists will provide local activists with convenient forms of calculation of the economy of plants, recommendations on how to optimize expenses on launch and taxes etc.

By now the company EcoTF has already held preliminary negotiations with the authorities of Tenerife, the main waste base of the island has been visited, and the government has given its wishes and recommendations on which kind of waste they can provide for free, the disposal of which kind they can pay for and how much it may be, which already sorted waste with a high efficiency rate they can sell. The stage of formal documental correspondence is open. There is an agreement with the investment department that the equipment will be certified in a formal way, without the necessity to bring in the equipment immediately. Only after all the documental work, delivery and trial start-up of the equipment is finished, an operating permission will be issued. Besides, negotiations have been held bringing forth the ratification of including the enterprise into Canarian economic zone ZEC (significant taxes reduction).

Team:

CEO – Anton Erashov

Economist. Has a higher education degree in economics specialized in “Finance and credit. Banking management», wrote his graduation paper on world currency systems. While living in Russia, took on different activities while living in Russia: trading, construction, hotel facilities, bar management, worked as an elected official, chairman of the commission on “the budget, finances, and taxes” of a city.

Andreas Muller – representative in Germany, Moldova, Czech Republic

An IT-Engineer, has an experience of 16 years of working with state medical insurance in Germany. Has experience in working in hotel management, in marketing and provision, and IT-engineering. Has 3 degrees of higher education in technical sciences, and in the past 18 years has focused on IT.

Andrey Novikov – representative in Moscow and Moscow region

Has a higher education degree in mechanic engineering. His professional field is design and launch of stationary and mobile plants in construction industry and of workshops in machine manufacturing. Was born in Belarus.

Attention. This document is a preliminary WhitePaper. It is published for general information of the participants of the project and investors of the first stage. Sound criticism and suggestions on the development of the project and collaboration are welcome to be sent at the e-mail and in the Telegram chat indicated on the website EcoTF.net