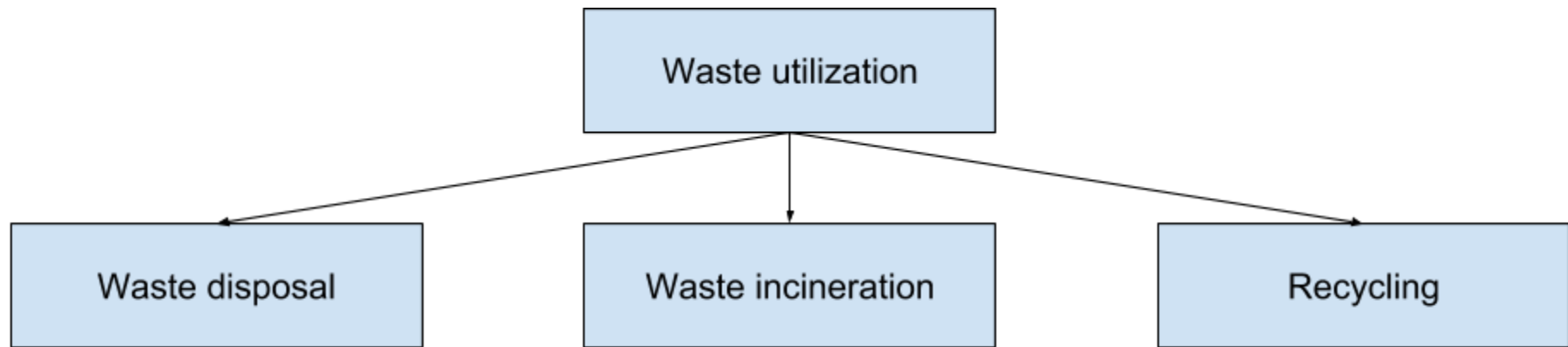




History of the project and what problem does it solve

Starting from the end of XIX century, humanity had understood that recycling of garbage is a very important topic. Exactly then people started to think about the perspective of the cities through the prism of litter. At the same time first tries of energy gaining from garbage recycling were taken. Thereby in 1874 in Nottingham the first steam engine was created, which uses combustible household waste as fuel. Since then, all the civilized countries have acquired legislation, which regulates this issue. Exactly this became evidence of the exceptional importance of this problem.



Large areas of land are needed.

Using this method, useful components of the waste are practically not recovered.

Difficulties with territory reclamation.

Waste does not burn without catalysts.

Flue gases contain harmful impurities.

After burning, a lot of combustion waste remains.

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Absence of selective collection infrastructure.

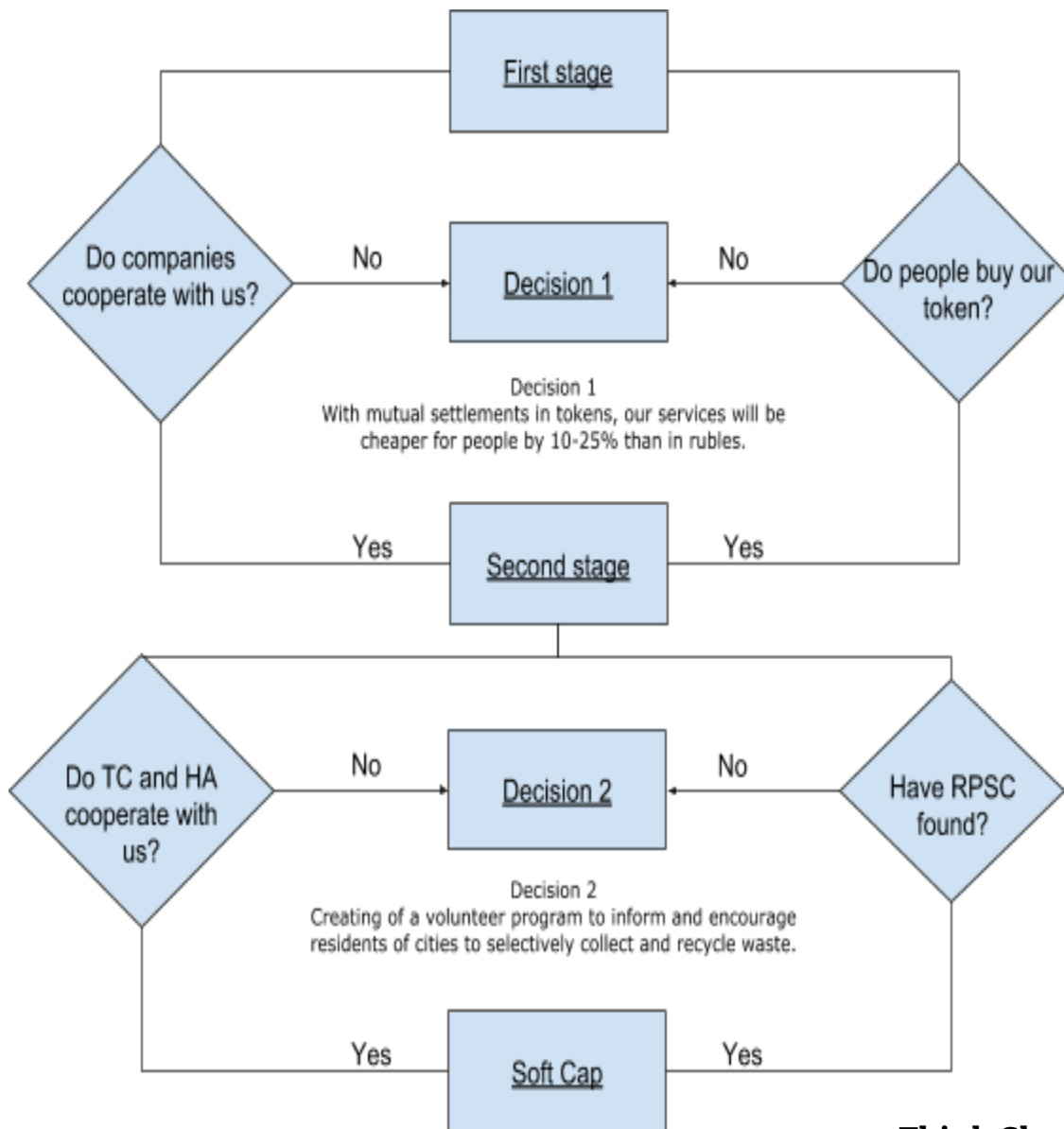
High level of investment.

A systematic approach is needed.

The idea of the project

Now it is time to talk about the rise of efficiency from garbage recycling. There is two main directions. First one – use of catalytic cracking method and recycling of wastes (preliminary preparing and selection of wastes, anaerobic composting etc.) Second one – selective collection in situ. Both those methods will be applied in the project, which doubles the efficiency. It is important to focus on the second method. Many recognize the necessity of selective collection, and the question is raised in any discussion on the problem of solid waste management. One of the main problems hindering the effective recycling of waste is the strong heterogeneity in the composition of the solid waste. Separate solid waste into small less heterogenic fractions technically is very difficult and economically unprofitable (excluding collection of ferrous metals). Selection in situ could significantly improve the recycle efficiency and return valuable components. At least, selective collection of highly toxic solid waste components (especially luminescent lamps and power supplies – galvanic cells and batteries) could significantly reduce the toxicity of compost. In addition, selective collection of glass, plastic and waste paper could be useful. Unfortunately, separate collection of waste meets significant difficulties. Firstly, the implement requires enhancement of general culture – sorting garbage by type in situ still requires some effort. Secondly, it is necessary to increase the Container Park, and equipment of the additional container sites in the houses with garbage chute. Thirdly, it is not enough to separate selectively, but selective removal. This needs considerable expenses for the purchase of additional transport. Moreover, the last and the most important is targeted state policy in this area. Protection of the environment and especially waste management – an area in which it is impossible to manage all only by market mechanism, government regulation is necessary.

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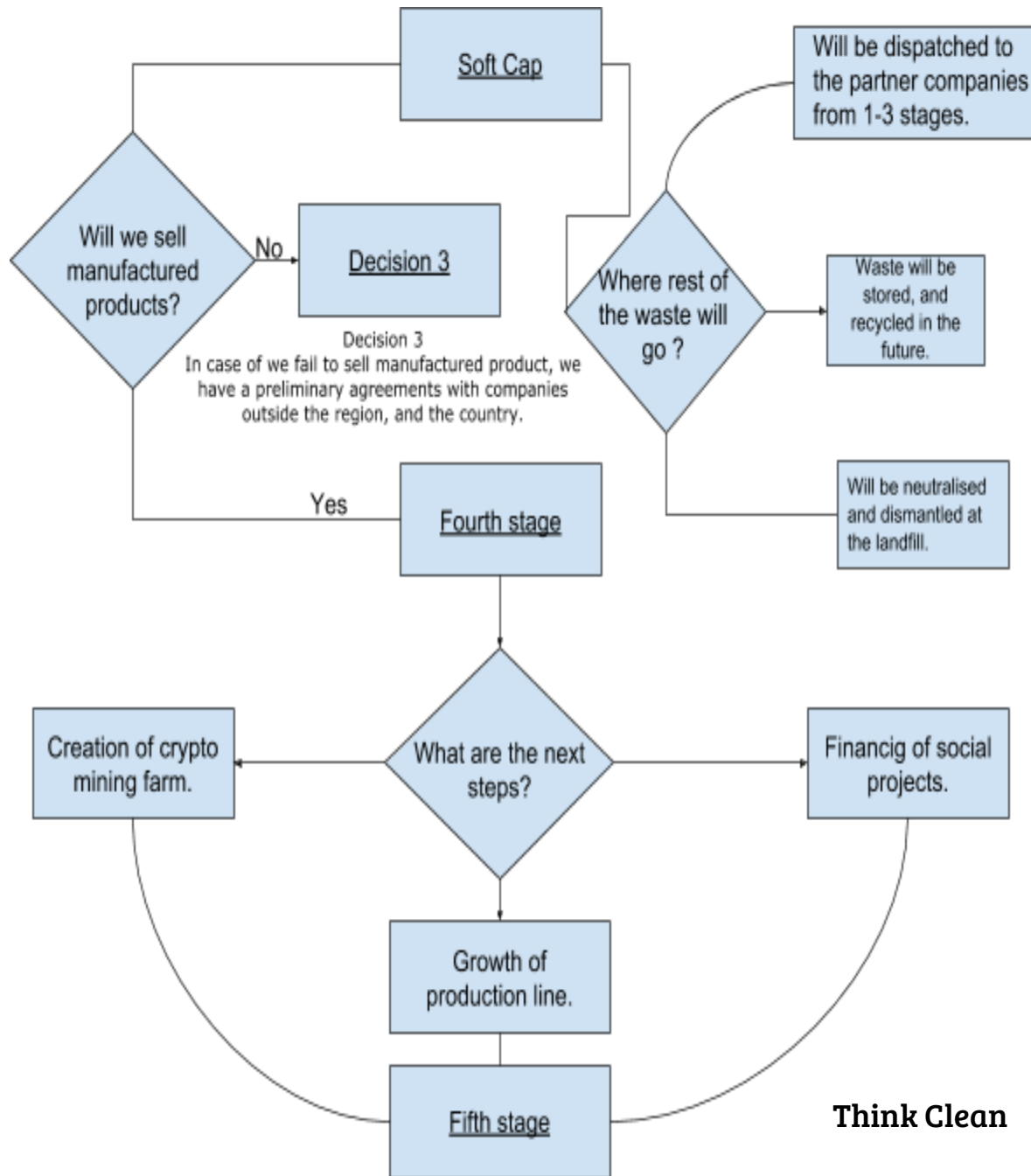


At the first stage, it is planned to create a legal entity and obtain a license from the regulatory body to carry out activities.

From this legal entity will be conducting the activities of the whole company in the future. After that, the driver-forwarder with his own car is picked up and staffed, which will carry out activities to transport selectively collected waste to the partners' companies for further recycling. The main task at the first stage is to start a break-even waste transportation and recycling company, and we will begin to receive a small part of the volume of waste that is necessary for the operation of our plant in the future. Our token will be purchased by owners of enterprises and small companies for payment of our services.

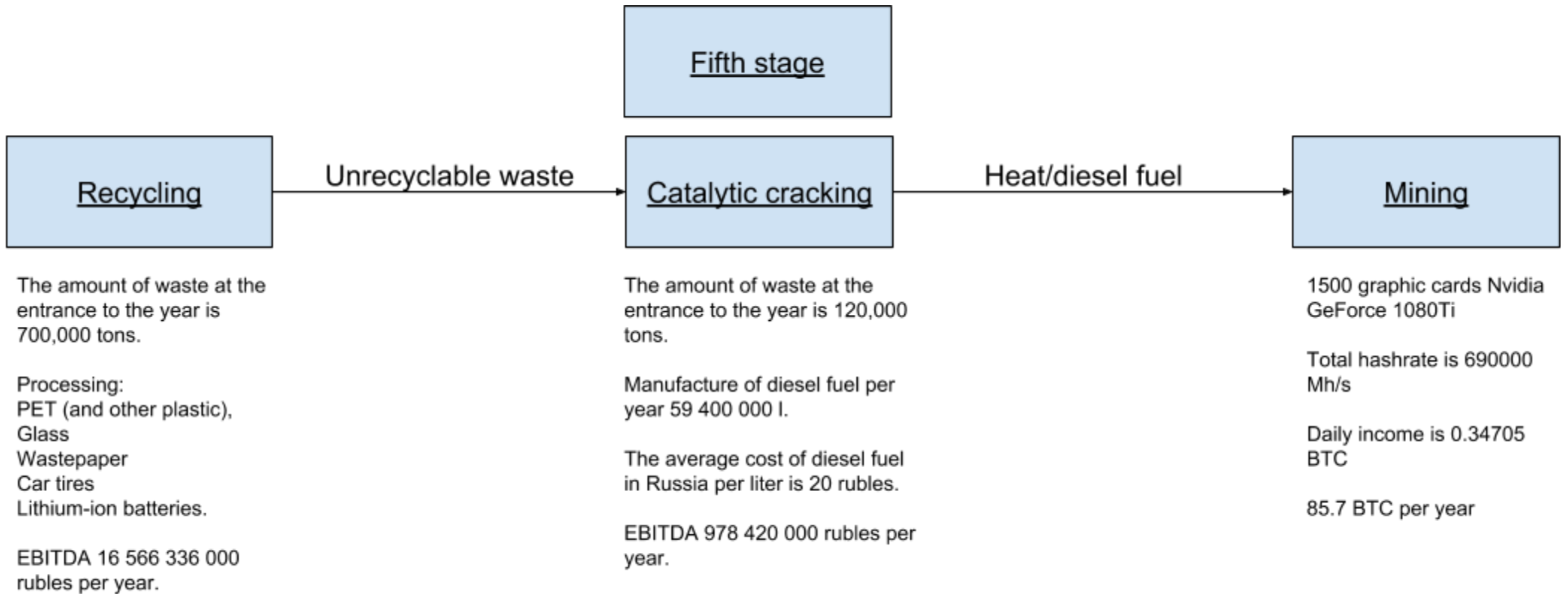
At the second stage, the main task will be to increase the amount of waste that we will deliver to partner companies. This goal will be achieved by the installation of garbage cans for separate collection in the garbage collection areas and arrangements with the Managing Companies and the Association of Housing Owners for the transition to separate collection of garbage. It is also planned to create a legal department for organizing the procedure for protecting investors' funds and token.

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The third stage (Soft Cap) is fundamental, it will organize the equipment purchasing for plastic recycling (or other recyclable materials, which will have the highest profitability). The profit will go to buy new equipment to expand the production line and assets that will increase the value of the company. Our task is to create a full processing cycle, and then produce products. It is also planned to recycle all waste types. The fourth stage. At this stage, we will completely recycle all waste types, such as: PET (and other plastic types), glass, wastepaper, car tires, Li-ion batteries. We believe that we can save the region from a huge problem. Our business model will make a profit, which we will invest in projects like ours, so that people make our country better. We will analyze the cryptocurrency market and acquire the most profitable equipment for cryptocurrencies mining. The mined cryptocurrency will form a cryptocurrency fund and, with the market fall, will buy out our tokens, to sustain token price during the market fall. All redeemed tokens will be burned. At first, mining farm will feed on purchased electricity, but later all the electricity costs will be met by our complex with the help of diesel fuel production.

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EBITDA - is a measurement of a firm's revenues with interest payments, taxes, depreciation, and amortization added back in.

Think Clean

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The activities of the project "Trashdation" was divided into 5 stages. For each of these stages, we set certain goals and objectives, relying on the corresponding amount of the budget. In this document, you will be able to familiarize yourself with the successively built chain of development

project. So, where do we start? Our initial goal is to create an information block. Proceeding from the fact that at the very first stage of the budget is very limited, we use tools that require minimal or no money at all. One of them, conducting introductory lectures in schools, colleges and institutes. Interacting with educational institutions, we get many opportunities for social promotion of the project. In many institutions, there are student organizations that provide social support, and teaching, participating in various scientific forums. In addition to this, we can get advice from professors, doctors of sciences who have colossal knowledge in one or other spheres.

Another way to attract the attention of citizens is to participate in various rallies, subbotniks. Since the problem of waste disposal in many regions is acute, rallies holding can attract government attention to this problem. Usually, on similar rallies participants do not offer any solutions, but we can show not only the solution of the problem, but also the extraction of great benefits from it.

After we interest a certain amount of people, we will start waste collection. Yet again, starting from the budget, we cannot afford to immediately take out waste in huge amount, and more importantly, to ensure that all this trash was sorted by category. Our sales managers will establish an agreement with various enterprises, which manage companies for waste disposal.

Further, our goal is to increase the bulk of waste. We need to involve as much as possible both legal and physical entities, to interest them in our service for waste disposal and in further cooperation. Firstly, as mentioned above, this is more advantageous financially, and secondly, we do not export waste to landfills, worsening the already critical situation, and we are recycling it. In this way, we will enter the "waste" market, and will begin to improve the environmental situation.

At the next stage, an economic system and a sales department will be created. We will continue to increase the amount of collected waste, and approach one of the main goals - selective collection. It is planned to install specialized containers for three categories of debris: glass, recycled paper, plastics in residential complexes, yards after the conclusion of agreements with the relevant management companies and HOAs for the collection and

removal of solid waste. Also, we provide separate collection with the help of partner companies and reception points. Social promotion of the project will move to the next level too. By increasing the budget, we will be able to use more effective promotion tools, such as advertising agencies, environmental forums, magazines. After attracting a certain audience, we will have the opportunity to attract attention of the investors and authorities, which will give us a lot of advantages and help to move to the third stage.

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At the third stage, self- recycling is organized. Rent a space for installation of equipment for recycling. Unfortunately, purchase of the equipment depends on the amount of investment in the project. It depends on the success of the project on the "ICO" platform and attracting

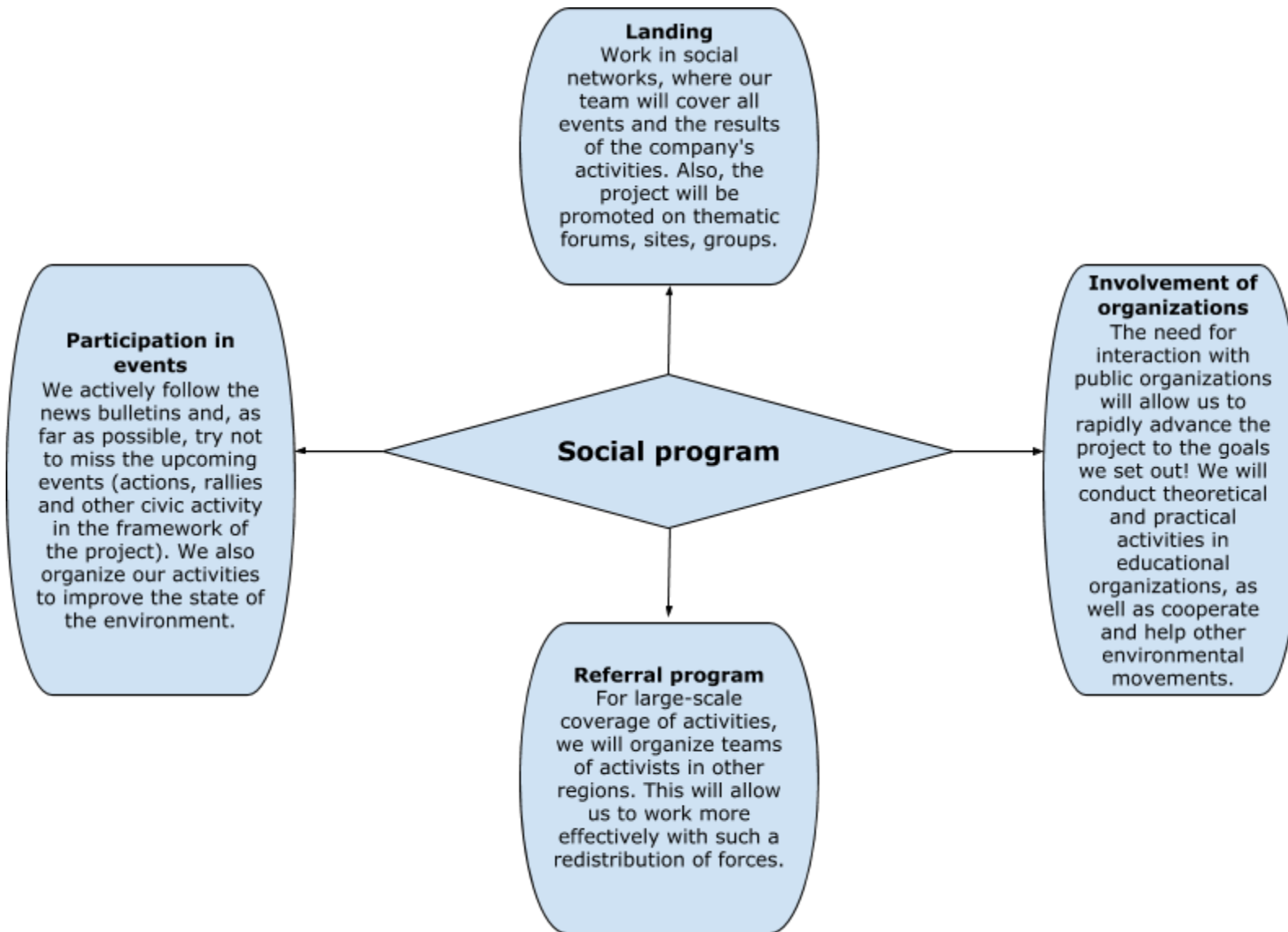
third-party investors. First of all, necessary equipment for plastic recycling will be purchased, since plastic is the most common waste and at the same time, its recycling is the most cost-effective. Next, we will purchase equipment for recycle of other waste: glass, waste paper and automobile tires. The order of purchase of the corresponding equipment will be built on the analysis of the volume of incoming waste of a fraction.

At the fourth stage, it plans to acquire the mining equipment to mine the cryptocurrency to buy out our tokens from the stock exchange, for returning invested funds together with income to our investors. All tokens, which we bought out, will be destroyed. In the fourth stage, we will recycle the main waste and install production lines for the recycling of industrial waste. After all, MSW is only 1% of the total amount of waste produced in Russia.

At the fifth stage, the catalytic cracking recycling line will be opened. We will use equipment produced in European Union.

This equipment is widely used in recycling plants in many progressive countries. After installing all the components of our complex, we will focus on the refraction of the trend of waste storage, on the positive experience of recycling, and we will organize similar complexes throughout the country, to achieve 95% of the level of MSW recycling in Russia. As you can see, on each phase, our recycling complex is cost-effective and do not harm the environment.

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Besides needed documents for the opening of the LLC, certain authorization documents will be needed:

Entrepreneur registration card.

Extract from the tax inspection.

The permission of the land department to use the land.

The permission of the sanitary-epidemiological service.

The permission of fire supervision.

The permission of the ecological center.

The permission of the electrical inspection.

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glass,
cardboard,
metal,
plastic.

6UgYX`cb`h`Jg`Jhk`Ug`XYWHYX`hc`d`UWH`Uh`h`Y`d`Ubhgi`W`]bYg`Ug`

- Automatic waste sorting line for 400,000 tons per year.
- Lines of granulation, drying and washing of PET.
- Line for processing tires in rubber crumb.
- Lines for washing, drying and grinding of glass.
- Lines for grinding and cleaning of waste paper.
- Granulation, drying and washing lines of PE.

Based on the morphological analysis of waste, the specificity of waste in the region was determined. In the course of a long analysis, it was established what kind of waste and in what amount is produced by residents and enterprises. Based on this, it was determined which equipment is necessary for its recycling.

It was decided to use equipment for automated sorting of waste, which allows for separate sorting of waste. With this in mind, we have selected equipment for the preliminary preparation and processing of these types of waste.

The equipment chosen by us is characterized by lower consumption of resources, simplicity in maintenance and operation, as well as convenience and readiness of everyday use in the hardest conditions.

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- Productivity of equipment. The main criterion on which depends the price of the machine.
- Energy efficiency. How many kW / h, and accordingly, rubles, will be required for 1 kg of products. This criterion is an integral part of the overall economy of the company.
- Degree of automation. Reduces the risk of the human factor and ensures the consistency of the quality of the products.
- Cost of ownership of equipment. The criterion depends on the reliability of the purchased machine and the cost of consumables and spare parts.
- Technological equipment. Shows how fast and convenient to maintain the machine. An important criterion when choosing equipment in order to avoid downtime in the plant.
- Liquidity of equipment in the secondary market. Indirectly indicates the reliability and quality of equipment.

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HA Y`k UghY`gcfh]b[``]bY Vtbg]ghj`cZ`

chain conveyor from the pit to the platform,
belt conveyor sorting ,
chain conveyor feeding sorted MSW in a press,
belt conveyor for removing "tails" reversible,
sorting platform,
press for secondary raw materials,
press for waste,
magnetic separator,



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screens or vibrating separators,
ACS system with control cabinets.

Price: %\$\$\$'\$\$\$'\$\$\$'fi V''

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vibrating screen,
conveyor,
crushers,
centrifuges,
cap separator,
secondary washing with subsequent drying.

Df]W.' '\$'\$\$\$'\$\$\$'fi V''



H\Y'']bY'Zcf'dfcWgg]b['h]fYg']b'fi VVYf'Vti a V'Vtbg]ghg'cZ'

Side cutting machine,
The machine for removing the landing rings,
The machine for cutting tires on tapes,
A machine for cutting ribbons into "chips"
Roller mill, mill,
Vibration table and vibrating screen,
Magnetic separator for metal removal,
Cyclone for the removal of textiles,
Electrical switching equipment,
Complete set of conveyors.

Df]W.' (' '\$'\$\$\$'\$\$\$'fi V''



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conveyor,
cleaning with a sink,
drying,
crushers.

Df]W. `&\$`\$\$\$`\$\$\$`fi V"

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crushers,
washing screw,
a flotation bath,
washing with friction,
centrifuges,
pipeline drying,
screw extraction,

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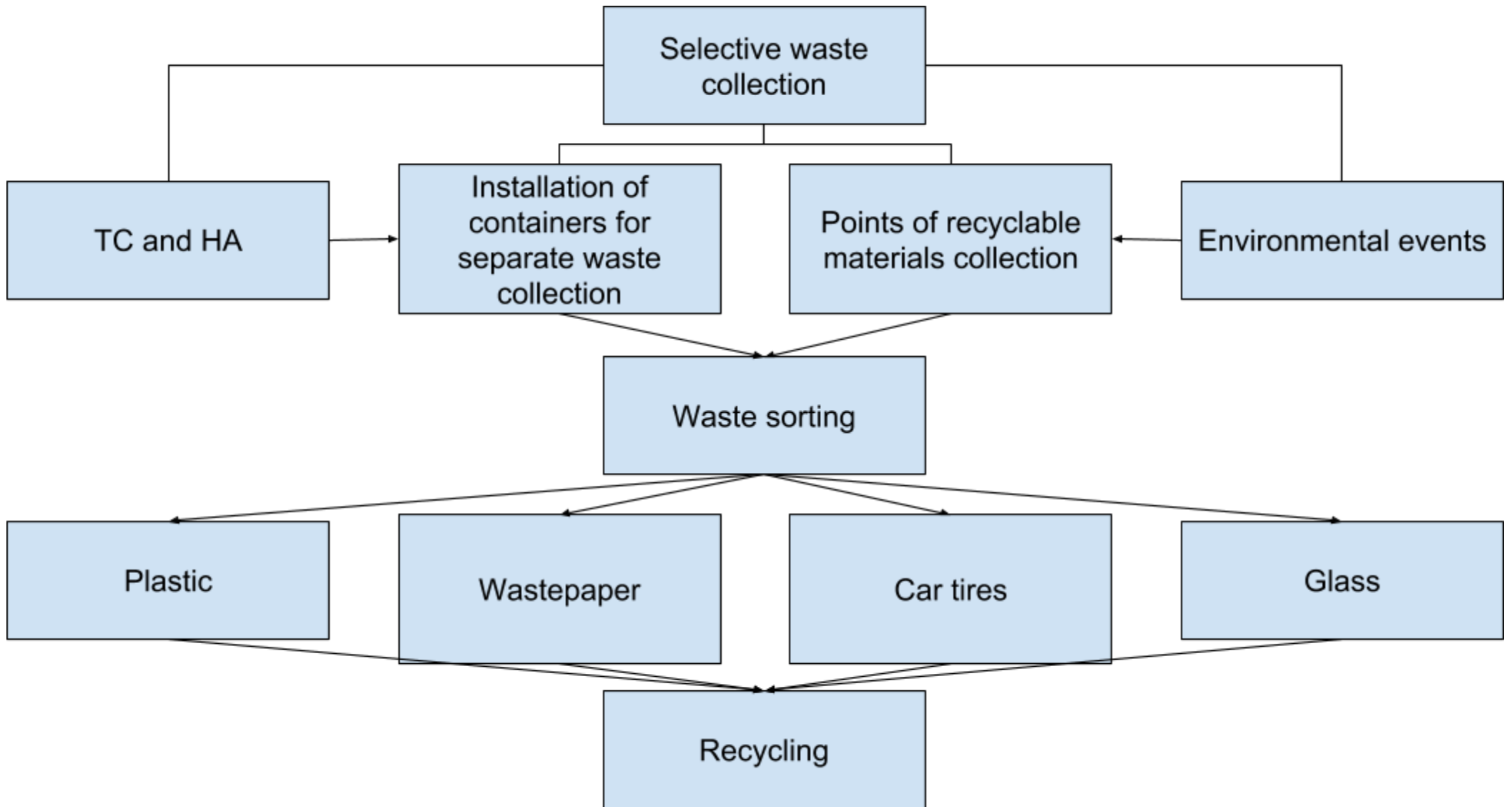
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