



**ATF**  
AGRO TECH FARM

# Whitepaper

The world ecosystem of natural plant food.  
Real production of home and industrial equipment for automated  
cultivation of organic products all year round in any climatic conditions.

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The aim of the project is to make it possible for everyone to eat organic food and stop pollution of the Earth with chemicals of agriculture, by creating a mass production of ATF equipment for home and industrial year-round plant growing in enclosed spaces using the developed technology of automatic, thrifty growing for consumers around the world. For this, we have developed a concept for the creation of a global ecosystem of healthy food in which all users who want to consume or buy products grown by ATF equipment will be united.

ATF devices provide an automatic growth of tomatoes, cucumbers, strawberries, lettuce, cannabis and many other plants. The ATF technique requires minimal customer involvement during in the process of vegetation and does not require any specific knowledge in the field of agronomy. A specially designed LED lamp not only saves electricity but is also capable of simulating a spectrum close to sunlight, which greatly speeds up the process of photosynthesis in plants. Thanks to the perfectly selected temperature regime for each crop, automatic irrigation with the addition of the necessary nutrient minerals and optimum moisture, the average crop yield of the ATF device is higher than the yield of greenhouse crops and crops grown outdoors. The solution recuperation system and pointwise dosing of the necessary nutrients allow to use all the fertilizers as intended, and the biofilter with bacteria constantly saturates the solution with beneficial bacteria, thus the system is self-sufficient, which helps to reduce the effect on the ecological component of the Earth to zero.

A prerequisite for starting the development and research of the project was a combination of factors in the field of meeting the growing consumer demand for fresh fruits, vegetables and greens.

One of the factors is the very limited range of plant products available on the market, which in turn is due to the fact that modern plant growing by the method of protected soil is often represented by large agroholdings specializing in growing a narrow range of food crops such as tomatoes, cucumbers and lettuce.

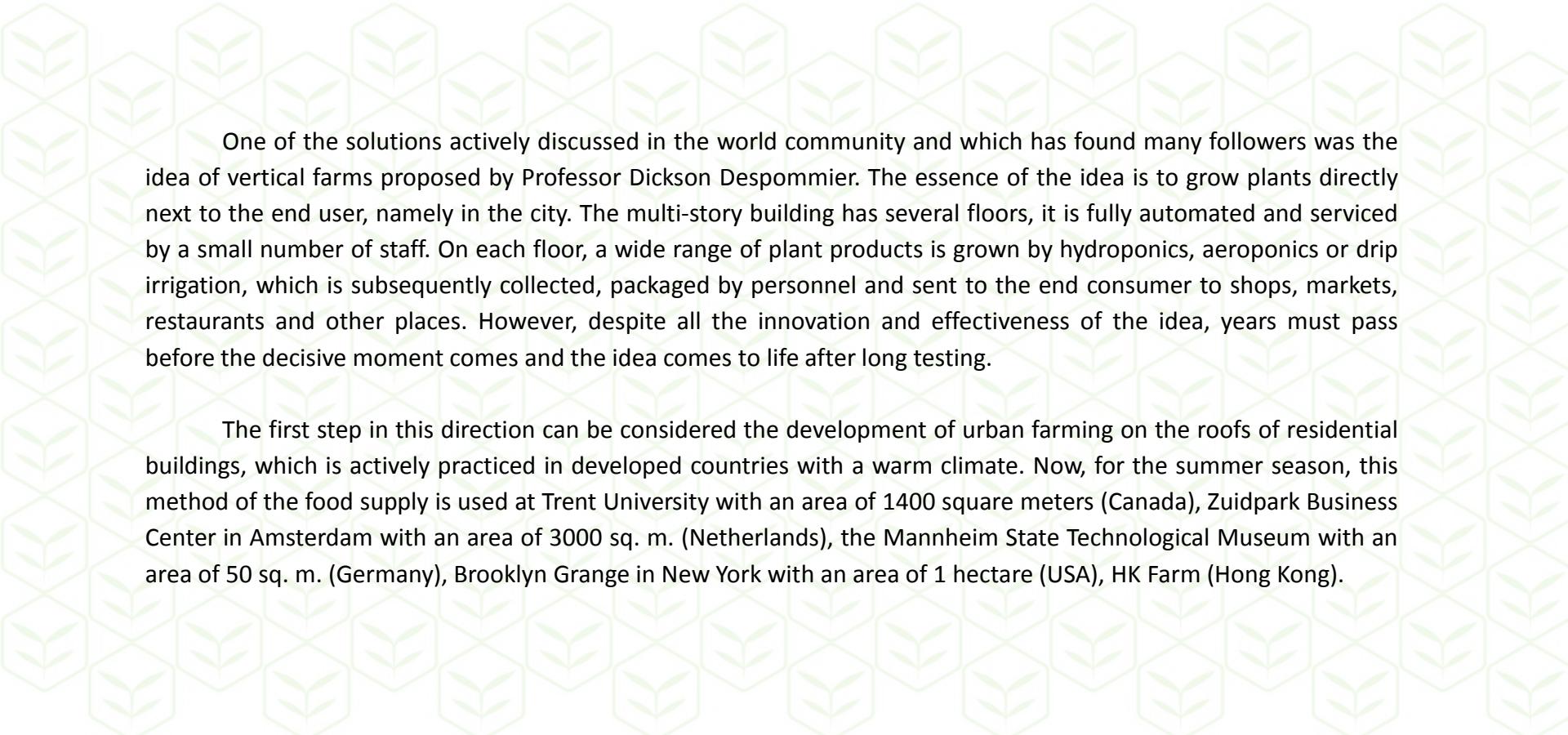
The second factor is the high level of seed money required to create a business in the field of plant growing, which significantly reduces the number of small farms in this sector and thereby increases the share of imported products in the food market.



The third factor is the inability to grow vegetables in some countries because of weather conditions, or lack of fertile land.

The fourth important factor is the lack of full control over the quality indicators of the crop production supplied. Because of the long logistics chain, manufacturers betake to various methods of conservation and long-term storage in order to preserve the marketable condition of products. Often, these methods are harmful to human health and affect the environmental characteristics of the grown produce.

All these factors have forced scientists and practitioners to look for alternative ways of solving agricultural problems, attaching special importance to reducing the chain of ways of delivering goods to the consumer, to increasing the quality indicators of farmed produce and reducing the cost of business organization in the agricultural sector.



One of the solutions actively discussed in the world community and which has found many followers was the idea of vertical farms proposed by Professor Dickson Despommier. The essence of the idea is to grow plants directly next to the end user, namely in the city. The multi-story building has several floors, it is fully automated and serviced by a small number of staff. On each floor, a wide range of plant products is grown by hydroponics, aeroponics or drip irrigation, which is subsequently collected, packaged by personnel and sent to the end consumer to shops, markets, restaurants and other places. However, despite all the innovation and effectiveness of the idea, years must pass before the decisive moment comes and the idea comes to life after long testing.

The first step in this direction can be considered the development of urban farming on the roofs of residential buildings, which is actively practiced in developed countries with a warm climate. Now, for the summer season, this method of the food supply is used at Trent University with an area of 1400 square meters (Canada), Zuidpark Business Center in Amsterdam with an area of 3000 sq. m. (Netherlands), the Mannheim State Technological Museum with an area of 50 sq. m. (Germany), Brooklyn Grange in New York with an area of 1 hectare (USA), HK Farm (Hong Kong).

The second step was the introduction of indoor greenhouses on the roofs of houses, which in turn solved the problem of using urban farms only in the summer period and became a prerequisite for the emergence of a whole niche in modern plant growing. Thanks to the maintenance of optimal conditions in the greenhouses, harvesting occurs year-round, and constant quality control and daily supplies of fresh greens to customers solve the problem of the need to use pesticides and other chemicals to preserve the marketable condition of plants.

One vivid example of growing lettuce in enclosed premises was the "Square Roots" project from Kimball Mask. The project aims to create ten vertical farms inside sea containers. The area of each such farm will be 29 square meters. Vertical farms will work on technologies developed by startup ZipGrow and Freight Farms companies.

Thus, the world practice shows the successful experience of implementing projects in the field of modern crop production and meeting the partial demand for fresh plant products, which is a positive trend for the development of these technologies in the world.



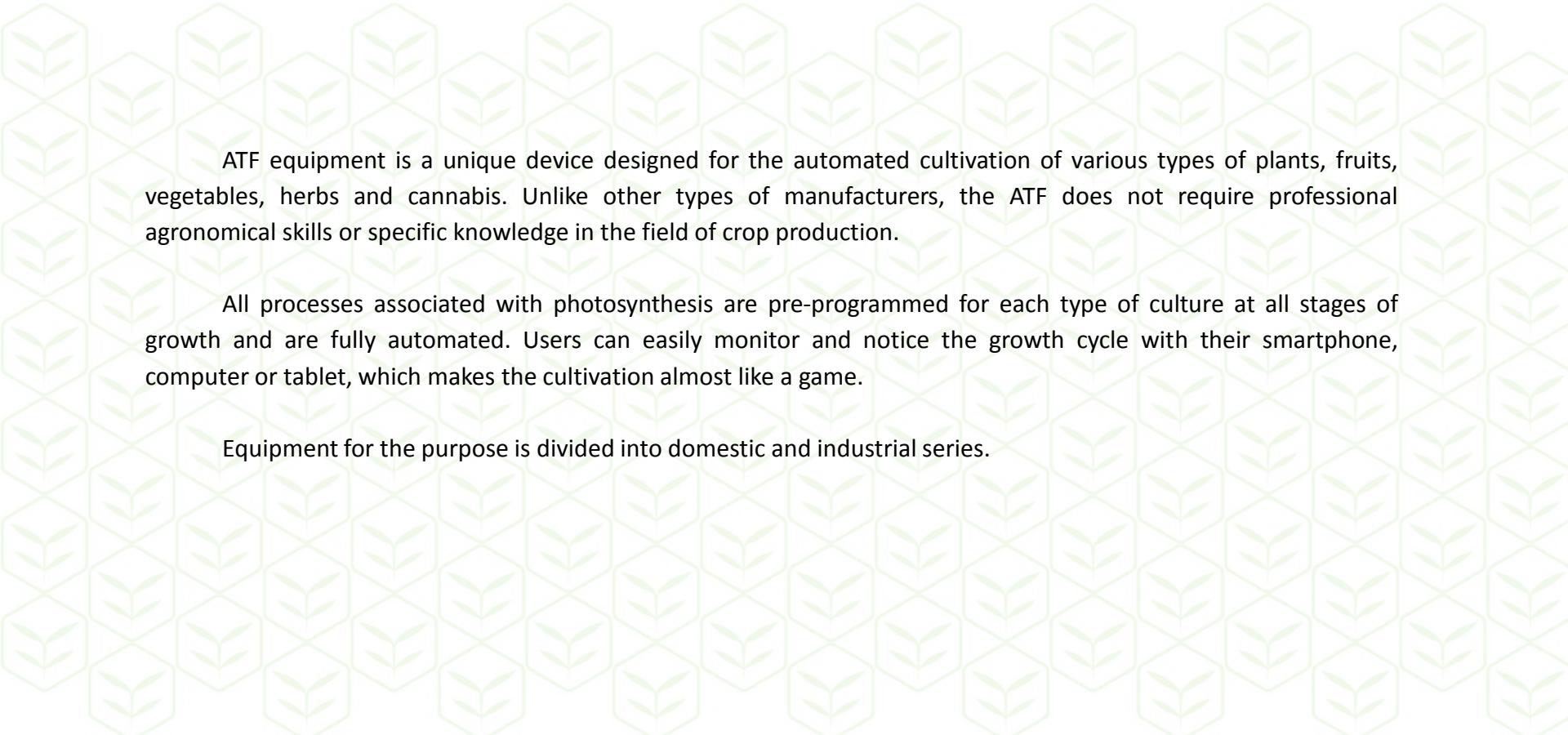
Historically, the company was formed in 2012 from a group of people with experience in various fields of activity, where each person is a specialist in his field. The team includes specialists from the areas of plant growing, agronomy, agrochemistry, programming, design, management, marketing, government and finance. This allowed us to create a strong team of like-minded people and to develop a unique product for 5 years of painstaking work.

Since 2012 we have been developing and experimenting with growing various crops based on hydroponics, aeroponics and drip irrigation. With our developments, we took part in the innovative exhibition in Skolkovo and won the prize. In 2014 we received our first patent for a model for growing plants by hydroponics, in which the principle of rational use of the area of the premises was realized.

The focus of the company was the creation of automated industrial equipment for the cultivation of tomatoes and peppers. The first prototype was created, which had artificial lighting and auto watering. Its dimensions were large, but the number of seats was not.

Then there was an idea to make the equipment compact for use at home. So there were first prototypes of ATF home equipment. In 2016 an expensive equipment was purchased to create our large phyto laboratory to study the physiology of plants and improve the consumer qualities of the products. At this stage, the cultivation of strawberries, lettuce, arugula, basil and other greens has been specifically studied. In 2017 fully automated systems for growing crops were introduced and three additional applications for patents were filed, which are currently being registered. Specialists of the company regularly participate in thematic scientific and business conferences, conduct training courses. One of the successfully implemented projects is the creation of business for mobile production of fresh, environmentally friendly micro-greeneries in several cities.

To date, we have a pre-production version of ATF Home. In the third quarter of 2018, we plan to produce a fully finished model for sale. We plan to attract investors' funds within the framework of the ICO. After the ICO, which ends on July 31, 2013, the serial production of ATF Home is launched. Entering the US and Canada markets is planned before the end of 2018, parallel to the start of sales of equipment in Europe. The launch of the production of the industrial plant will begin after the tests, which we plan to complete before the end of 2018. ATF Industrial equipment is planned to be supplied all over the world, especially in areas with unfavorable climatic conditions.



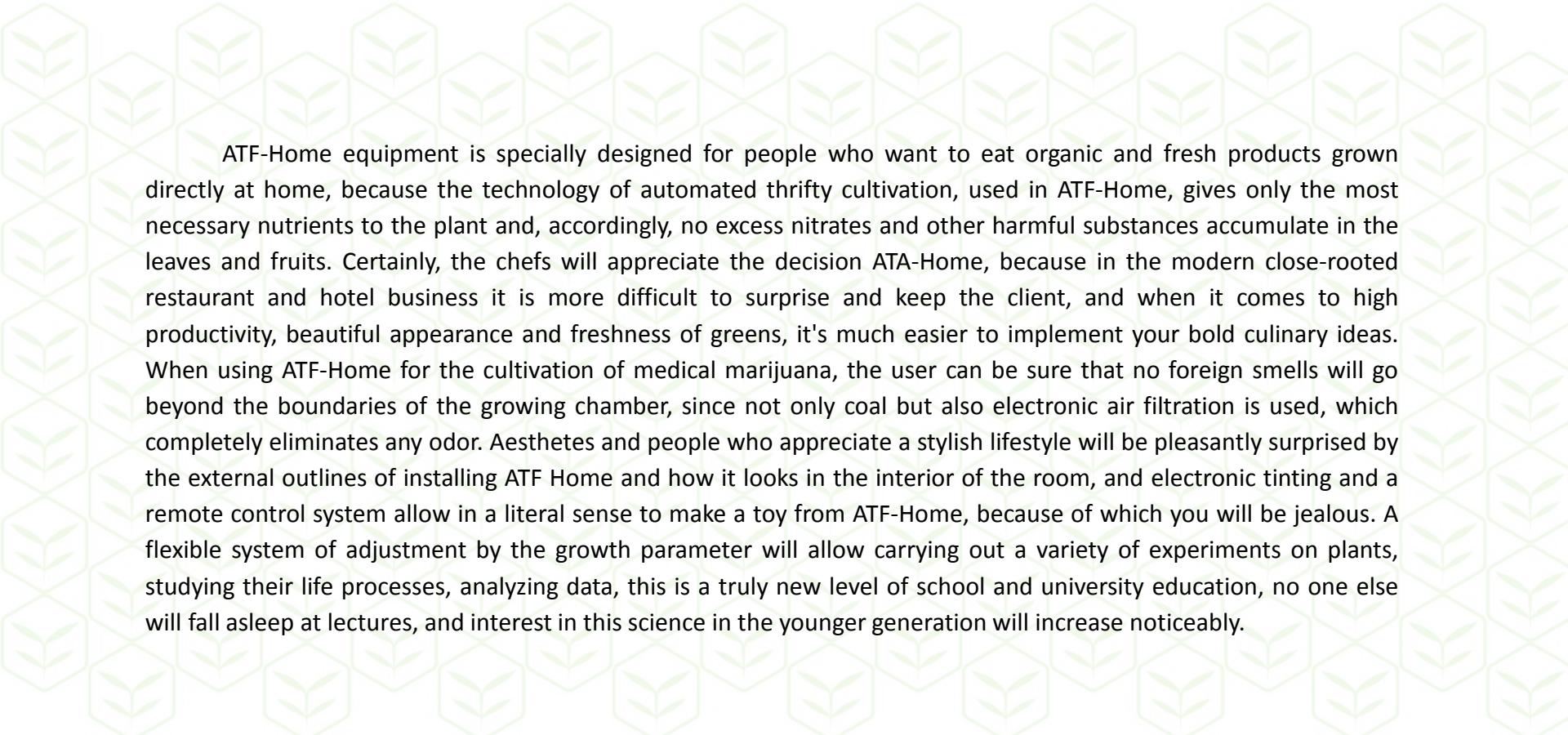
ATF equipment is a unique device designed for the automated cultivation of various types of plants, fruits, vegetables, herbs and cannabis. Unlike other types of manufacturers, the ATF does not require professional agronomical skills or specific knowledge in the field of crop production.

All processes associated with photosynthesis are pre-programmed for each type of culture at all stages of growth and are fully automated. Users can easily monitor and notice the growth cycle with their smartphone, computer or tablet, which makes the cultivation almost like a game.

Equipment for the purpose is divided into domestic and industrial series.



Home series. ATF-Home



ATF-Home equipment is specially designed for people who want to eat organic and fresh products grown directly at home, because the technology of automated thrifty cultivation, used in ATF-Home, gives only the most necessary nutrients to the plant and, accordingly, no excess nitrates and other harmful substances accumulate in the leaves and fruits. Certainly, the chefs will appreciate the decision ATA-Home, because in the modern close-rooted restaurant and hotel business it is more difficult to surprise and keep the client, and when it comes to high productivity, beautiful appearance and freshness of greens, it's much easier to implement your bold culinary ideas. When using ATF-Home for the cultivation of medical marijuana, the user can be sure that no foreign smells will go beyond the boundaries of the growing chamber, since not only coal but also electronic air filtration is used, which completely eliminates any odor. Aesthetes and people who appreciate a stylish lifestyle will be pleasantly surprised by the external outlines of installing ATF Home and how it looks in the interior of the room, and electronic tinting and a remote control system allow in a literal sense to make a toy from ATF-Home, because of which you will be jealous. A flexible system of adjustment by the growth parameter will allow carrying out a variety of experiments on plants, studying their life processes, analyzing data, this is a truly new level of school and university education, no one else will fall asleep at lectures, and interest in this science in the younger generation will increase noticeably.

**Features of our equipment ATF-Home:****1. Automatic adjustment of equipment parameters to ensure the growth of organic crops at all stages of cultivation, which includes:**

- a wide spectrum of light that completely imitates the sun;
- a microclimate system that maintains the necessary temperature and humidity in the installation;
- the presence of a carbon filter, which is responsible for cleaning the air;
- distribution center for complete control of plant watering and nutrient content in water;
- system of saturation with carbon dioxide;
- system of pollination of plants;
- imitation of wind to strengthen the stem of the plant;
- sensors for monitoring: water, humidity, temperature, PH level, salt level;
- automatic drainage and water intake;
- management through iOS, Android applications and PC;

**2. The process of growing a crop does not require knowledge of agronomy.**

- The warranty is 2 years, and the service life of the equipment is at least 10 years.
- LED lamps are used from Osram company.
- Low operating costs.
- Stunning design.
- Easy to use.
- There is no need for weeding.
- Lack of chemicals, pesticides, harmful substances.
- Absolutely organic product.
- Higher yields, in comparison with traditional agriculture.

**3. Home series of equipment is created in two modifications:**

- for stunted crops (strawberries, lettuce, basil, arugula, cherry tomatoes and others);
- for tall crops (tomatoes, cucumbers, cannabis and others);

**The technique allows you to receive fresh, organic, ready-to-eat foods constantly, regardless of the season.**

**The equipment has a stylish, elegant, compact and modern design, which allows the device to fit into any interior.  
You will not want to hide it in the garage but show it as part of the interior of the kitchen or living room.**

Cultivation of crops in ATF equipment does not require the presence of soil, which excludes the appearance of pests and diseases associated with them. It also does not require weeding or special monitoring of the condition of the soil and the plant itself. Thanks to effectively programmed water supply, the right spectrum of lighting, a reasonably fixed number of "solar" hours and optimal use of nutrients, the time for the growth of crops is significantly reduced.

Please keep in mind that some herbs and plants are treated as regulated substances by law in different states. This can make their possession, cultivation and distribution illegal, which will lead to serious criminal prosecution and imposition of a fine. ATF customers are responsible for their products. ATF does not encourage the commission of any crime.



Industrial series. ATF Industrial



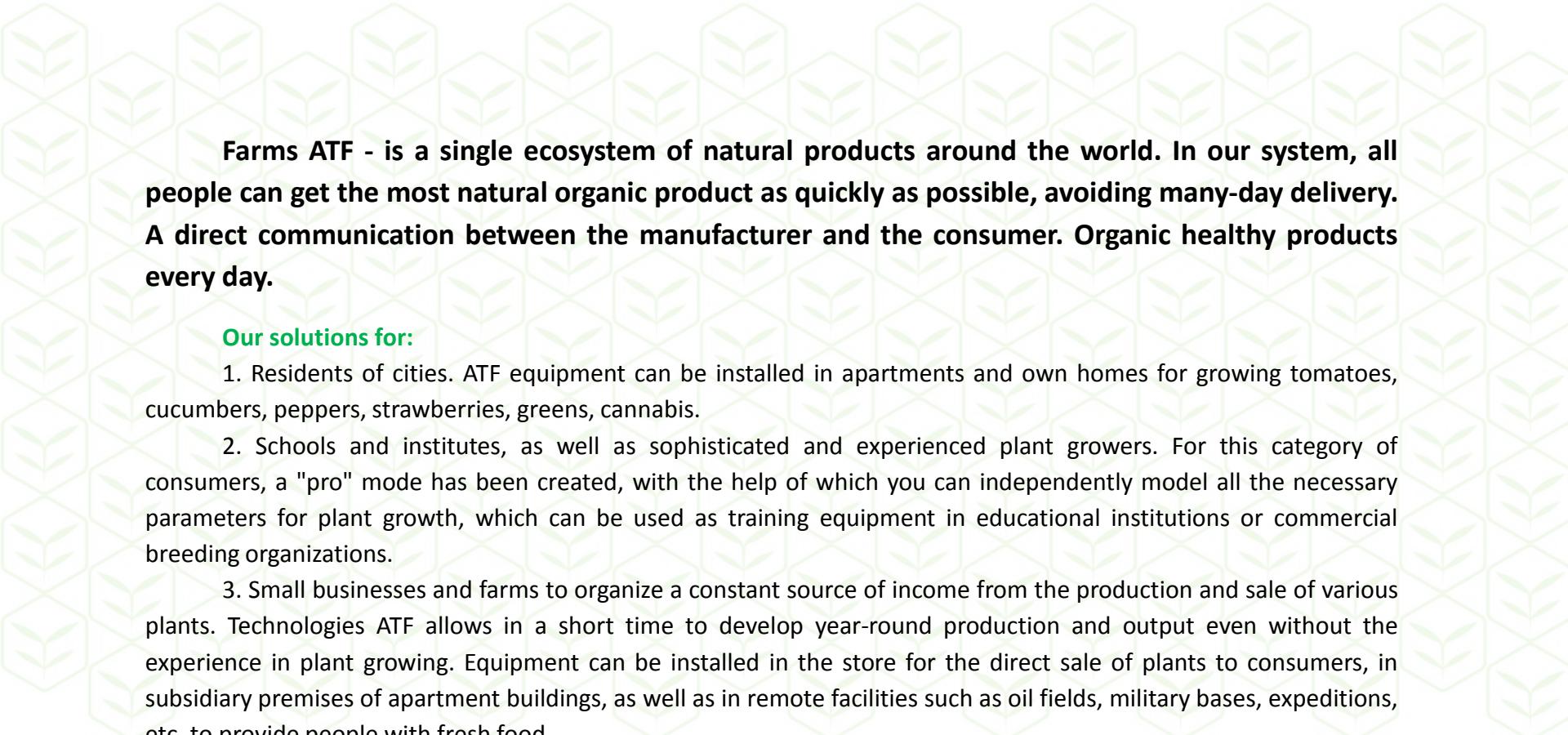
ATF-Industrial equipment, in contrast to ATF-Home, was created to conduct professional business activities for the year-round growing of the plant for the purpose of further sale. Thanks to full automation, anyone can become a farmer by placing ATF-Industrial in a metropolis, generating revenue from sales of products all year round and not having an education in plant growing. High coefficient of useful use of the area will allow large agroholdings to locate production in close proximity to the city while optimizing maintenance costs, increasing the efficiency of use of production facilities, reducing logistics costs and entering a new level of competition. Large construction companies and developers will be able to increase their own competitive advantage in the real estate market ahead of the current trends of city-farming and integrate AFT-Industrial equipment into residential complexes to provide fresh products to future tenants. Retailers and large food chains ATF-Industrial equipment will help to provide their stores with their own fresh vegetables and save on logistics, this approach will open a completely new type of activity and customer service level. ATF-Industrial will be highly appreciated by companies that select plants, including marijuana, because ATF-Industrial farms allow modeling of growth parameters, creating optimal separate conditions for cloned and uterine plants, maintaining a constant population of necessary crops.

**Features of our industrial equipment:**

1. All-the-year-round cultivation of crops regardless of climatic conditions.
2. Fast start of business from 3 months in comparison with greenhouse farms.
3. An ability to install equipment in the city, which allows you to reduce the cost of logistics.
4. A possibility of installing equipment in a residential building to provide residents with fresh products (preliminary negotiations with the Developers were held, interest and need were identified).
5. Reduce staff costs. To ensure the process of growing it does not require a large number of people, namely the cost of personnel, compared with greenhouse complexes, lower than 10 times.
6. Due to vertical cultivation with 1 m<sup>2</sup>, harvesting in kilograms increases from 2 to 50 times.
7. Remote control of the growing process from anywhere in the world.

8. Automatic adjustment of equipment parameters to ensure the growth of organic crops at all stages of cultivation, which includes:

- a wide spectrum of light that completely imitates the sun;
- a microclimate system that maintains the necessary temperature and humidity in the installation;
- the presence of a carbon filter, which is responsible for cleaning the air;
- distribution center for complete control of plant watering and nutrient content in water;
- system of saturation with carbon dioxide;
- system of pollination of plants;
- imitation of wind to strengthen the stem of the plant;
- sensors for monitoring: water, humidity, temperature, PH level, salt level;
- automatic drainage and water intake;
- management through iOS, Android applications and PC;



**Farms ATF - is a single ecosystem of natural products around the world. In our system, all people can get the most natural organic product as quickly as possible, avoiding many-day delivery. A direct communication between the manufacturer and the consumer. Organic healthy products every day.**

**Our solutions for:**

1. Residents of cities. ATF equipment can be installed in apartments and own homes for growing tomatoes, cucumbers, peppers, strawberries, greens, cannabis.
2. Schools and institutes, as well as sophisticated and experienced plant growers. For this category of consumers, a "pro" mode has been created, with the help of which you can independently model all the necessary parameters for plant growth, which can be used as training equipment in educational institutions or commercial breeding organizations.
3. Small businesses and farms to organize a constant source of income from the production and sale of various plants. Technologies ATF allows in a short time to develop year-round production and output even without the experience in plant growing. Equipment can be installed in the store for the direct sale of plants to consumers, in subsidiary premises of apartment buildings, as well as in remote facilities such as oil fields, military bases, expeditions, etc. to provide people with fresh food.

4. Large business (network stores, logistics centers, agroholdings, developers). Enterprises whose activities are related to the wholesale or retail sale of products can use ATF equipment to provide their consumers with fresh and safe plant products, thereby increasing customer loyalty to their brand through the sale of organic crops, while cutting logistics costs and other contractual obligations to suppliers.

5. Developers can implement in their projects a unique solution for providing customers with organic products after the purchase of real estate, namely during the construction phase, install ATF equipment in the utility rooms of houses or even in residential areas. This decision will be a serious competitive advantage and create a fertile ground for people's health.

ATF technology is a set of engineering, software, scientific solutions, combined to grow organic crops in artificially created conditions that completely imitate the natural ones.

Applied technologies allow receiving year-round natural harvest anywhere in the world.

Based on advanced technologies and experience in plant growing on hydroponics, our company offers an entirely new approach in the production of plants. Our concept of careful cultivation, provides a high level of productivity and at the same time does not allow the accumulation of nitrates and other harmful substances in plants, and also eliminates the need for various kinds of pesticides.

Applied technologies of industrial installations allow the highly effective use of invested capital and achieve the shortest payback periods of equipment due to guaranteed high yield.

## Hydroponics and Aeroponics.

An essential difference of our solution is application of the combined method of plant cultivation in an enclosed space, at which the nutrient solution enters the root zone in the form of small particles of water providing high oxygenation of the solution, and a two-circuit overflow-draining system allows monitoring the level of the solution in the root zone. The developed technique and design allows to model the necessary level of moisture in the substrate, ensures a uniform distribution of the necessary dissolved nutrients and oxygen at the roots and excludes the need for human participation in the growing process already at the stage of planting the seeds. There are no injectors or splicers in the system, which significantly increases the reliability of the system and eliminates the need for serial cleaning, replacement of nozzles/splicers and cleaning filters. The system provides for the protection of plants from drying during malfunctions in the operation of the electric system and switching off the electric power of the actuators for 2-6 hours (depending on the type of plants).

## Lighting.

When cultivating plants in enclosed spaces or in conditions of limited natural sunlight, it is necessary to use artificial light sources. At different stages of plant life for normal morphological development and depending on the type of crops, the spectral composition of light varies significantly. For the purpose of applying a single source of illumination for growing different cultures and optimizing the process of

photosynthesis inside plants, a luminaire with the use of light-emitting diodes has been developed, which allows changing not only the intensity of light but the ratio of the spectral composition depending on the culture, growth stage and plant height. The illumination system includes LED luminaires modeling the spectrum from 440 to 740 nm and the power level depending on the stage of growth, the lateral system of plant clearance in the late stages of growth, the system of imitation of sunrise and sunset. The intelligent lighting system, depending on the type of plant and its measured morphological data, independently adjusts the light flux.

## Ventilation.

To optimize the process of photosynthesis in plants, especially in closed rooms, it is necessary to regularly update the composition, as well as maintain the desired level of humidity and air temperature. It is worth noting that the optimal climate parameters for each plant species are individual, therefore, when creating modern plant cultivation systems in a closed way, controlled climate systems are more often able to model the required parameters depending on the type of plants.

The developed system of air recuperation allows excluding the use of air conditioning systems in a climate close to home, which significantly reduces the cost and eliminates the procedure for servicing the air conditioning system operating on the principle of a vapor compression cycle, and also reduces energy consumption.

Pollination of plants occurs automatically by supplying air masses to the plant, which allows excluding the participation of a person in this process without damage to the crop. Streams of air swing plants strengthening its central trunk and allowing even more efficient transport of nutrients to leaves, flowers, and fruits.

## Top-dressing with CO<sub>2</sub>.

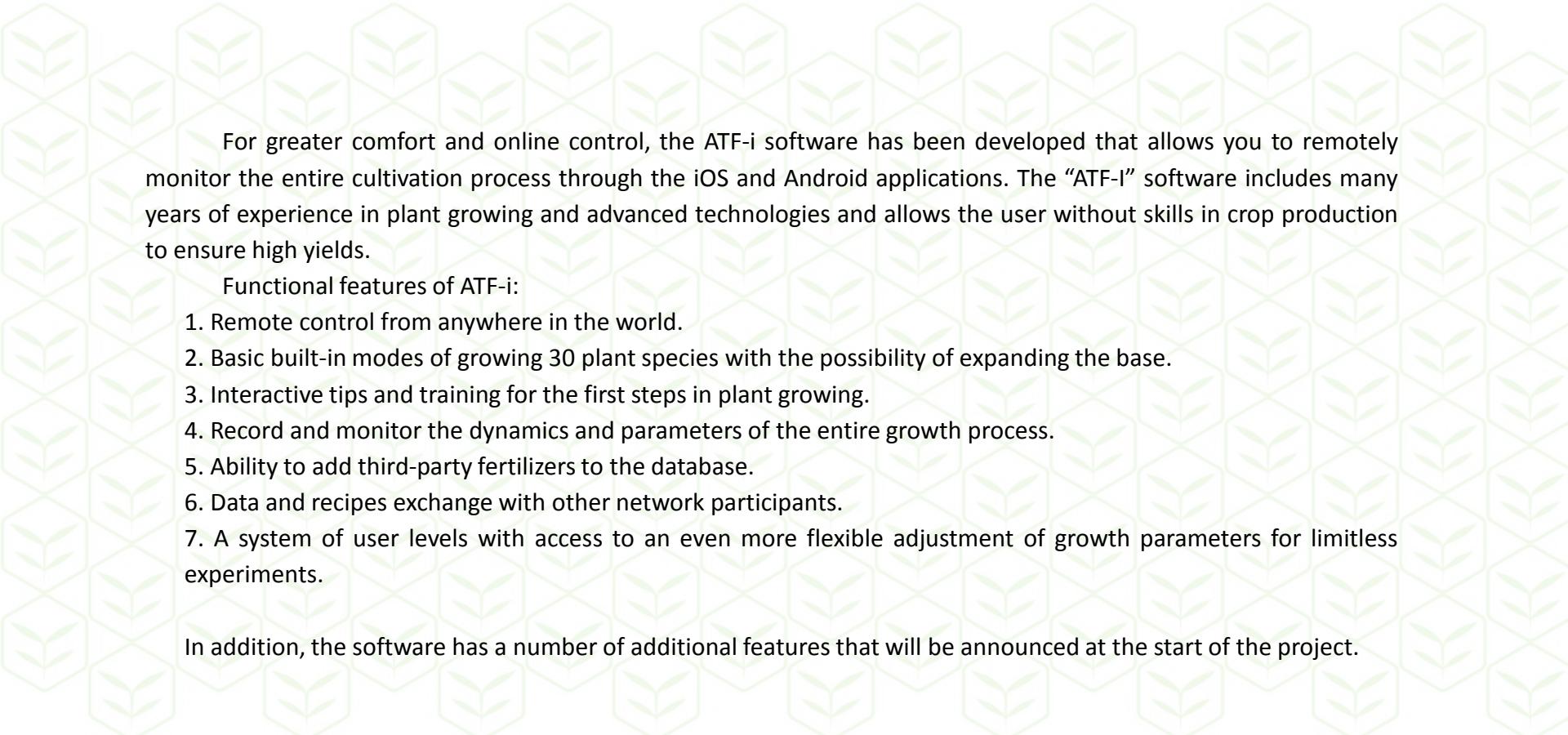
The modification includes a node for top-dressing of plants with carbon dioxide, which is especially useful to accelerate the set of vegetative mass by the plant, in the day phase, and in the growth chamber. Carbon dioxide is one of the most important building elements, so its availability and control are so necessary.

## Air cleaning.

For people with an allergic reaction to plants or when growing plants that have a persistent smell, a two-stage air filtration system is used. Coming from the temperature rise/fall circuits, air enters the carbon filter chamber, where the volatile and semi-volatile organic compounds of the gas molecule are absorbed by the pores of the activated carbon. However, in conditions of high humidity during the growing process, and the presence of molecules with a fine molecular weight, the carbon filtration provides only a part of the required degree of air purification. In order to capture molecules that have passed through the carbon filter, an ionized air purification unit is used. This method of filtration is absolutely safe for humans and at the same time, it has a long working life. Thus, two-stage air purification is most useful for combating unpleasant odors.

## Nutrients.

The automatic solution unit monitors the level, the electrical conductivity of the EC, the acidity of pH, the temperature of the nutrient solution and maintains the chosen formulation of nutrient solutions for a particular plant species throughout the process. The composition of nutrients is a key parameter in modern plant growing, which is why its control and accuracy is so important. Manual mixing can be quite tricky since more than twenty elements are required for plant growth. The main elements, carbon, hydrogen, and oxygen, are absorbed from air and water. The remaining elements, called mineral nutrients, are mixed in solution in certain proportions. Any good hydroponic nutrient solution should contain all these elements: nitrogen (N), potassium (K), phosphorus (P), calcium (Ca), magnesium (Mg), sulfur (S), iron (Fe), manganese (Mn), copper (Cu), zinc (Zn), molybdenum (Mo), boron (B), chlorine (Cl). To reduce the risk of pathogens in plants and to strengthen the immune system of plants, microorganisms are naturally used that help to eliminate the need for various herbicides, pesticides, and other harmful substances.



For greater comfort and online control, the ATF-i software has been developed that allows you to remotely monitor the entire cultivation process through the iOS and Android applications. The “ATF-i” software includes many years of experience in plant growing and advanced technologies and allows the user without skills in crop production to ensure high yields.

Functional features of ATF-i:

1. Remote control from anywhere in the world.
2. Basic built-in modes of growing 30 plant species with the possibility of expanding the base.
3. Interactive tips and training for the first steps in plant growing.
4. Record and monitor the dynamics and parameters of the entire growth process.
5. Ability to add third-party fertilizers to the database.
6. Data and recipes exchange with other network participants.
7. A system of user levels with access to an even more flexible adjustment of growth parameters for limitless experiments.

In addition, the software has a number of additional features that will be announced at the start of the project.



ICO

The goal of the ICO is to attract investments of \$ 20 million to launch real production in the field of natural plant products and cannabis. ATF aims to create a serial production of equipment for the year-round cultivation of various plant species in order to provide the world's population with clean and fresh food and medicinal plants by placing farms anywhere in the world, regardless of geographic and climatic conditions.

We use ICO as a mechanism for crowdfunding, a smart contract as a safe and convenient way for an investor to become one of the first owners of the company's products, and for the company to attract investments for the implementation of the project. Yes, we could go to Kickstarter, but who said that the smart contract is worse ?!

The fact should be noticed that unlike Crowd-Funding, where the participants' assets are frozen to create and subsequently purchase the product instead of the asset, the ATF token buyer not only receives the goods at a discount, but also the opportunity to benefit from the ATF token.

Tokens are created using the ERC20 smart contract. Tokens will be released in the amount of 5,000,000.

Preliminary sale of tokens will begin on February 16, 2018 and will last until April 20, 2018. The maximum number of tokens is limited by HardCap 500 ETH. The collected funds will be used for marketing and preparation of the ICO, they are not refundable.

The main stage of the ICO will begin on June 1, 2018 and will last until July 31, 2018. The maximum amount collected during the ICO is set at 40,000 ETH ("Hard Cap"), which equals 3,250,000 tokens and amounts to about \$ 20 million. In ICO, the minimum threshold is 1.3 million dollars in receipts ("Soft Cap"). If Soft Cap is not implemented, the project will be suspended, and the money will be returned, as this will mean that the project has not been approved by people, and capital will not be enough to launch a large-scale business. If the Soft Cap threshold is overcome, but the Hard Cap is not reached, the tokens not sold will be burned (from the amount allocated for sale). All funds received after reaching Hard Cap 40000 ETH will be automatically returned to the sender.

# Token Distribution



**5 000 000**  
is a total  
number of tokens

	65%	<b>3 250 000</b>	for sale
	10%	<b>500 000</b>	reserve of ATF company
	7%	<b>350 000</b>	marketing
	6%	<b>300 000</b>	the ATF team
	5%	<b>250 000</b>	referral program
	3%	<b>150 000</b>	for advisors
	2%	<b>100 000</b>	for partners
	2%	<b>100 000</b>	Bounty Program

# TRANSPARENCY & AUDIT

ATF is aimed to full transparency of the ICO, and the subsequent stages of the company's development.

ATF's tokens from the company's reserve will be frozen for one calendar year, for the team they will be frozen for half a year.

The referral and bounty tokens will be distributed in 2 weeks after the end of the ICO. ATF token holders have the right to use them freely at their discretion.

Additional tokens will not be released.

The base price of the 1 ATF token = 0.012 ETH, in the early stages bonus tokens in the amount up to 50% are available. During the sale, payment is accepted only in Ethereum (ETH).

All instructions for acquiring tokens are available exclusively in your personal account at [agrotechfarm.io/home](http://agrotechfarm.io/home)

A smart contract will be published in public sources.

After entering the market, Agro Tech Farm will undergo an independent audit by one of the accounting companies of the Big Four or another internationally recognized accounting firm for annual third party audit.

All news and plans of the company will be published and available to all comers in the following sources: the Telegram group, on the website in the news section, email newsletters to subscribers.

**!!! None of the team give additional discounts, and no one provides individual purse numbers !!!**

- **Token gives a 20% discount on the purchase of ATF equipment.** Discount applies under the following conditions: 60% cash payment, 20% token payment, 20% discount. The discount on the equipment is not summed up with other discounts, the payment of tokens is considered at the exchange rate on the day of purchase.
- **Token gives a discount of 50% for maintenance and active storage:** seedlings, solution, accessories, application for PRO level. The discount is not summed up with other discounts, the payment of tokens is considered at the exchange rate on the day of purchase.

Thus, the tokens will return to AgroTechFarm company, after that the tokens will be burned.

- **ATF tokens will be placed on leading crypto-exchange exchanges**, which the company will announce after the end of the ICO.
- The company will **buy back tokens from exchanges**, after the start of sales of equipment

<b>Token Name:</b>	Agro Tech Farm
<b>Token Symbol:</b>	ATF
<b>Platform:</b>	Ethereum
<b>Token type:</b>	ERC20
<b>Token Price:</b>	Token (ATF) 1 ATF = 0,012 ETH
<b>Token Pre-Sale stage:</b>	February 16, 2018 – April 20, 2018
<b>Token Sale:</b>	June 1, 2018 – July 31, 2018
<b>Token Amount:</b>	Up to 5,000,000
<b>ATF Hard Cap Pre ICO:</b>	500 ETH
<b>Hard Cap ICO:</b>	40,000 ETH
<b>Maximum tokens distributed via ICO:</b>	3,250,000 ATF
<b>Minimum tokens Purchase:</b>	No limit
<b>Maximum tokens Purchase:</b>	No limit
<b>Eligibility:</b>	Anyone except permanent residents from the US due to legal restrictions or trade sanctions.
<b>ICO Smart Contract:</b>	Mintable

Register on the website [agrotechfarm.io](http://agrotechfarm.io) to get your referral link, which you can post on your site, in blogs, social networks or share with friends.

Your referral link is available in your personal account: [agrotechfarm.io](http://agrotechfarm.io)

When someone registers to buy tokens from your link, they will be connected with you and you will receive 5% of what he or she has bought during the preliminary ICO.

ATF attributes will be credited to your ETH-wallet within 10 days after the end of ICO of Agro Tech Farm.

The current balance of ATF referral tokens, which you can see on your personal account at [agrotechfarm.io](http://agrotechfarm.io)

**To earn using a referral program, follow these steps:**

1. Register at [agrotechfarm.io](http://agrotechfarm.io)
2. Click on your personal account.
3. Enter the address of the ETH purse.
4. After that, you will receive a referral link.
5. Share this link on your site, on blogs, on social networks or with friends.

**Recommendation:** register in all available social networks of ICO of Agro Tech Farm and do the repetitions by adding your referral link.

# Project Plan / Road Map

The founders have created the ATF team, which specializes in devices for cultivating various crops. We have created a roadmap for the development of our business and we compulsorily adhere to the deadlines for the fulfillment of each of its points:

Year	Event
2012	Running a business process, implementing the first ideas and experiments.
2013	Submission of documents for obtaining a patent, testing of installations and modernization.
2014	Obtaining a patent, the first participation in thematic exhibitions.
2014	The beginning of the development of the first system of automation of the growing process, testing of growth regimes.
2015	A prototype of the Home series was developed for growing tall plants by hydroponics.
2016	Conducting tests of the equipment of the Home series, modernization of technological units and software.
2017	They created the design of the equipment, presented it at the exhibitions, received the first interested clients and small investors.
2017	We launched the cultivation and sale to consumers of micro greenery under the "Organic greens" brand.
2017	Preparation of the project for ICO

Year	Event
2018	Developed a pre-series model of the ATF-Home Series equipment, testing is in progress.
Q1-2 2018	Conducting of ICO
Q3 2018	Launching the production of the Home series of equipment, creating a prototype of the Industrial series for business.
Q4 2018	The official start of sales of equipment.
Q1 2019	Launching a demonstration industrial farm.
Q2 2019	Presentation of equipment at international exhibitions.
Q3 2019	Expansion of sales areas of equipment, increase sales worldwide.
Q4 2019	Development and creation of the first prototype of a complex for growing plants by the aquaponics method, testing the system.
2019	Installation of industrial farms around the world in places with unfavorable climatic conditions
2020-2023	Development of equipment for growing crops in conditions close to Mars, developing a method of a closed production cycle under conditions of weightlessness.
2023-2025	Creation of a prototype and testing of new developments, modernization of methods and technological nodes.
2025	Delivery of installations to Mars together with Elon Mask

Depending on the funds raised, four different scenarios have been developed. Regardless of the scenarios, our plan includes 4 stages. The money will be used solely to expand business in North America. This expansion is based on three factors: building production capacity in Canada, hiring local labor and proper marketing. It is impossible to miss the opportunities that represent the North American markets. ATF is the right team at the right time. All we need is to be in the right place. As in any plan, any of them is subject to adjustment after actual sales. The model will be updated to make the most of the collected funds. These 4 scenarios should give the investor an idea of how the funds will be used, bearing in mind that they are not unattractive.

**Scenario 1:** \$ 1.3 million.

In case of the attraction of 1,300,000 dollars, we will start the production of installations, we will use leased premises, and most of the production processes will be performed by third-party companies. This will allow the project to be launched, but will increase the payback period and reduce profitability.

**Scenario 2:** \$ 4.5 million.

If we collect \$ 4,500,000, we will start production in Canada, with the possibility of purchasing our own equipment and a suitable industrial facility. The project will develop according to our plans, the projected turnover will amount to about 20 million a year.

**Scenario 3:** \$ 10 million.

In the event of the collection of 10,000,000 dollars, we will be able to increase the volume of our products and the number of manufactured equipment using our own equipment and real estate. Having an increased marketing budget, we will be able to quickly take the leading place in the North American market. In addition, investments of this level will allow us to participate in additional developments and increase the range of products. Also, we will be able to produce equipment for different types of crops of different sizes for a larger number of consumers. In this case, the company's projected turnover will be more than 50 million a year, payback period is 20 months.

**Scenario 4:** \$ 20 million.

In addition to the actions outlined above, an investment of \$ 20 million will create at least 5 large industrial farms on different continents based on ATF-Industrial plants, which will generate revenue from sales of plant food products and serve as demonstration farms for potential buyers. This scenario will allow not only to cover the market of domestic crop production, but also to enter the B2B market, which will greatly increase the company's income and dividends of investors. The projected turnover of the company will be more than 100 million a year.

# TEAM & ADVISORS

# TEAM



**ILYA TSIGVINTSEV**  
CEO & FOUNDER

Experience in business is 15 years. He was engaged in the sale of construction equipment, production of building materials, founded a company for the installation of video equipment, was engaged in tender supplies for state enterprises.



**ALEXANDER BASOV**  
COO & CO-FOUNDER

He is engaged in analytical and marketing issues, organizes business processes, strategic development of ATF. Experience in business for 10 years, opened a courier delivery company, an advertising agency – a printing house.



**ALEXEY KOVNERCHUK**  
TECHNICAL ENGINEER

Developed an algorithm for controlling the microclimate and nutrient solution. Engineer-designer, specializing in automation of technological processes of growing plants with modern methods. Experience in plant growing for more than 5 years, there is a patent.



**EVGENIY KUROCHKIN**  
AGRONOM

Specialist in modern plant growing. More than 5 years of experience in this area, starting with ground and ending with aeroponic.

He is responsible for the selection of optimal conditions for the cultivation of different crops. Conducted scientific research for various new varieties of plants.



**OLGA BASHIROVA**  
CBO

Legal and economic issues. Develop & maintaining relations with existing and potential customers at all levels. Partnerships, sales, project management.



**KIRILL SMIRNOV**  
AGRO TECHNOLOGY

Specialist in organic farming. More than 5 years own production of organic substrates. In the company he holds the post of technologist, the main task is the introduction of humic substances into hydroponic systems



**SERGEY MOSOLOV**  
IT

Specialization in the field of enterprise management systems, client-server applications in UNIX environments. Work experience more than 20 years



**OLGA PRILEPINA**  
Legal adviser

LL.M. in European and International economic law (LMU Munich). Specializes in international trade, services and license contracts, corporate law and dispute resolutions. Supports companies in international project management and negotiations. Legal adviser in Russian IT company. Fluent in German and English.

## ADVISORS



**GREG LIMON**  
FOUNDER AT CANADA CAPITAL GROUP INC.

Greg has been involved in businesses such as medical, legal, real estate development, high tech, production, trading commodities, with partners he has led 2 successful IPOs . He has advised many blockchain projects such as Tradove, Play2live, Cannasos, Uservice and more who raised a total of more than 100.000.000 \$



**MAREK LORINC**  
PRINCIPAL AT RIMON CAPITAL LTD

With over 20 years experience in finance and project management, Mr. Lorinc credentials are in restructuring and management of SMEs across various industries. Mr. Lorinc was with EBRD involved in equity transactions, investment banking at CS First Boston and credit department of ING Barings. He is currently on the BoD of Stox Technologies, an ethereum based prediction market platform.



**DEAN KARAKITOS**  
BUSINESS MANAGEMENT

Dean is a visionary innovator in disruptive technology and business management with more than 20 years of experience bringing an industry-changing approach to launching dynamic new technology products. He is the founder of Bloqchain Science that builds secure decentralized systems. Dean is advising ICOs in multiple verticals and with his team.



**STAN MILC**  
BUSINESS

Stan Milc generator of ideas, able to translate dreams into reality. With his spirit and enthusiasm, he inspires others and helps form professional teams. He is determined and never gives up. 7 years in business as a developer and entrepreneur, co-founder and investor.



**ELI BERNSTEIN**  
INNOVATION STRATEGIST

Eli has extensive experience in strategy, policy-making and commercialization of innovative products. He advised on a number of blockchain and crypto projects and focuses on business development, investor relationships and technology & talent sourcing.



# Market Analysis

## 1. Market of organic products

The deficit of environmentally friendly and safe products is a global problem.

Dangerous food, according to the World Health Organization, is a reason of more than 200 diseases of the digestive system per day, from diarrhea to cancer. An estimated 600 million people - almost every tenth person in the world - get sick after eating contaminated food and 420,000 people die each year and 30% of deaths from foodborne illnesses occur among children!

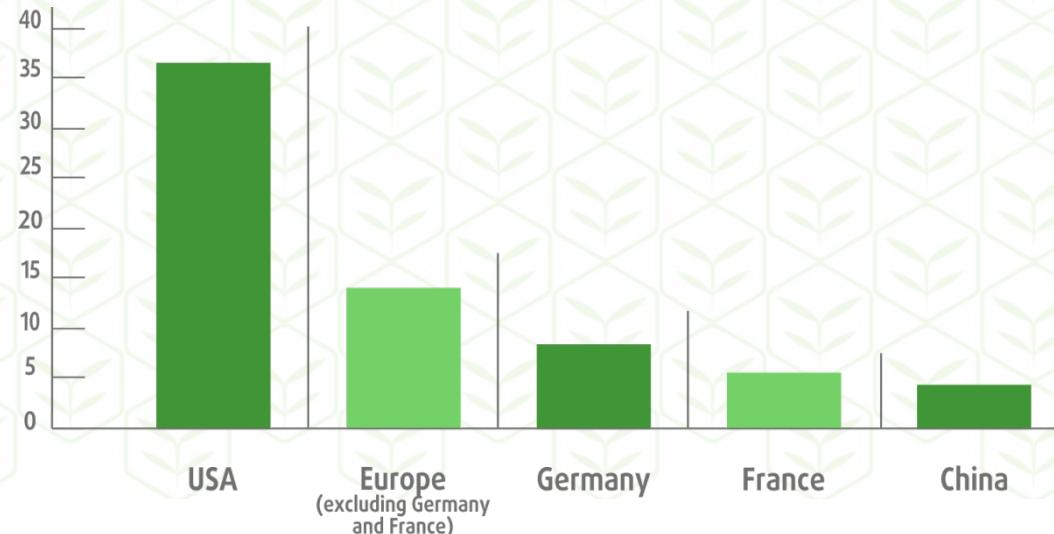
According to the World Health Organization, the greatest threat to health is toxins of natural origin and substances polluting the environment that enter the human body through food, including plant origin. Toxins, persistent organic pollutants and heavy metals penetrate the soil and enter the plants directly through the root system. Since the plants themselves do not use harmful substances in their development process, all foreign compounds accumulate in the vegetative mass, root crops and fruits.

That is why in recent years the demand for organic pure vegetables and herbs produced in safe conditions and not containing chemical additives, hormones, antibiotics and pesticides has been growing all over the world. Buyers are not deterred even by higher prices for them. But, unfortunately, the global growing demand for such products is satisfied by no more than 1%, which creates a dangerous situation for people's health.

How is the eco products market developing today?

Retail sales of organic food exceed \$ 81 billion a year - almost four times more than it was, for example, in the distant 2000 (\$ 18 billion). This is evidenced by the statistical review presented in February 2017 by the Institute for Organic Agriculture (FiBL) and IFOAM, which is based on data from agencies of different countries, as well as information received from business. 90% of the sales of eco products today are in North America and Europe. Demand is gradually growing in countries of Asia, Latin America and Africa.

The main consumers of eco products, \$ billion per year



## 2. The cannabis market

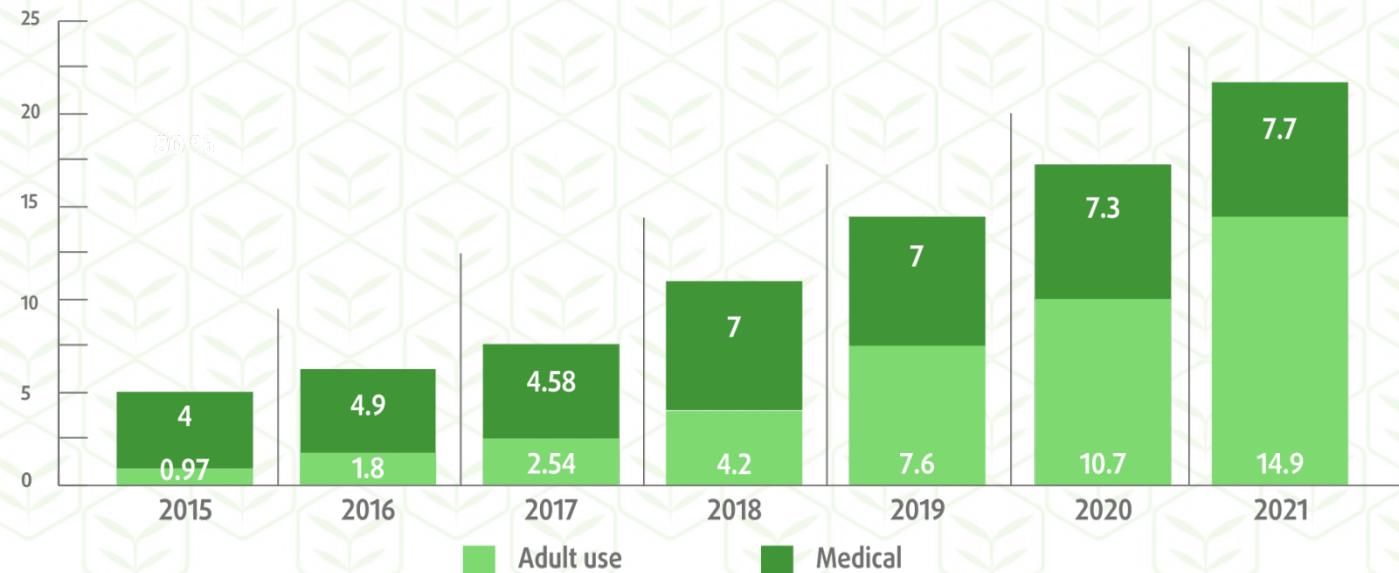
The plant "Cannabis" has been used for thousands of years by many cultures in medical, spiritual, and also for entertainment purposes. Until the beginning of the 20th century, the plant was considered socially acceptable in many cultures, especially when it was used for religious and spiritual ceremonies.

In many countries, cannabis cultivation for personal and industrial purposes is prohibited at the legislative level. But in a number of countries, the cannabis plant has been legalized, which allows users to carry out the process of growing it even at home. The current world trend for the legalization of marijuana extends to a growing number of countries around the world, which is certainly a positive factor for entering the market for the production of equipment for the cultivation of these crops. Every year more and more states pass laws to open new markets and expand existing ones by legalizing marijuana.

In the USA, the moment of legalization of cannabis for medical and recreational use in 2012 was the milestone of the steady demand for marijuana formulated by the Americans. The legal production of cannabis in the US is accelerating at a significant pace, in 2016, North American consumers spent \$ 6.7 billion on the purchase of cannabis for medical purposes, which is 34% higher than in 2015. Cannabis is now legally sold at the state level in the most modern retail dispensaries, all sales are monitored and controlled, which allows to additionally attract huge amounts of money to the budget. Entrepreneurs of this medical industry develop and implement various equipment for the processing and use of cannabis by patients. Various extractors for obtaining oil, reactors for the production of pure natural compound substances, vaporizers and evaporators. Thus, an entire industry is being formed, which includes the production, processing, sale and use of medical marijuana.

Very few categories of the consumer industry reach \$ 5 billion of annual turnover with an average annual growth forecast of 25% over the next five years. Arcview Market Research forecasts growth from 2018, when sales for adults in Canada, California and Massachusetts begin together with sales of medical services in Florida. The market will grow from \$ 6.7 billion in 2016 by 27% CAGR to \$ 22.6 billion in 2021.

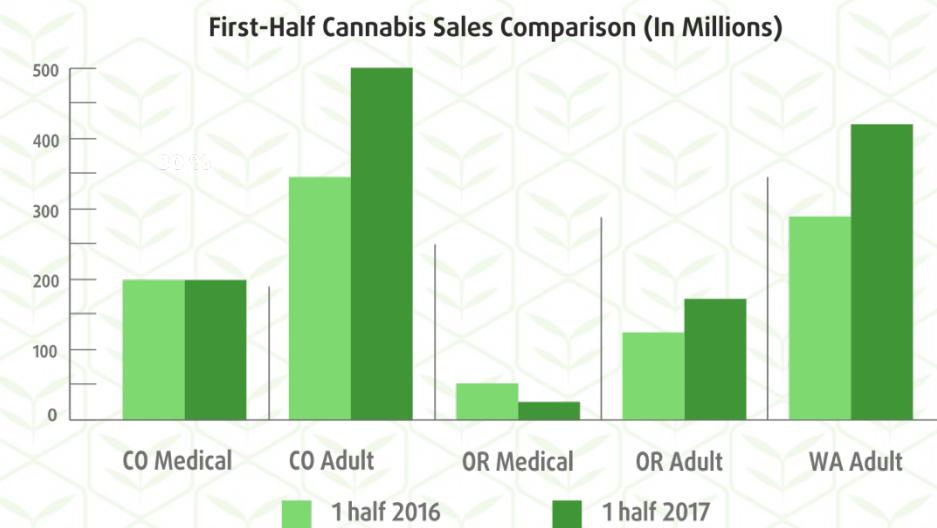
North American Legal Cannabis Spending 2015-2021



Source: ARC View Market Research

At the moment, Canada is at the stage of legalizing of cannabis. "The legalization of marijuana for entertainment purposes in Canada can give the economy an increase of up to \$ 22.6 billion a year," says a new study of the business services firm Deloitte. According to the study, sales of marijuana, even initially, would be at least as large as the sales of hard liquors in Canada. The Canadian market of marijuana is in expectation of a sharp rise in the coming years: it only breaks through, increasing

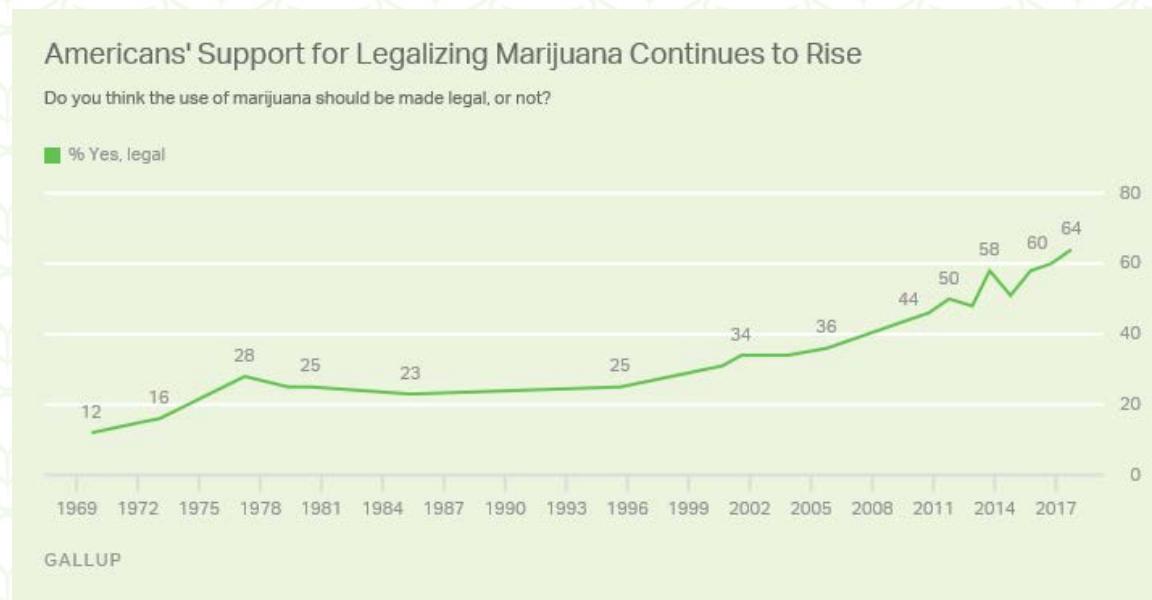
the prospect of significant growth and the potential of new participants. According to the forecasts of Mackie Research Capital, the size of the Canadian marijuana market will reach and "jump" the barrier of \$ 2.2 billion by 2020. According to the "Deloitte" report, published in 2017, 22% of adult Canadians used marijuana for at least some time. Based on this number, "Deloitte" estimates the base of the retail volume of marijuana by 2021 at \$ 2.7 billion. Another research program of the "Brightfield Group" firm forecasts the size of the international cannabis market in the amount of \$ 31 billion to 2020.



Thus, it can be noted that ATF equipment is an ideal solution for providing residents of the United States, Europe, Africa and other countries with organic, clean, safe, healthy products. Also ATF installations are unique equipment for the cultivation of cannabis in countries where it is legalized at the legislative level. ATF solutions for entrepreneurs and investors could become a new boom in the development of organic and cannabis markets. Today, market conditions, changes in the regulation of cannabis cultivation processes, global demand for environmentally friendly products, low supply of eco products in the market create a unique opportunity for ATF business development, which the ATF team uses to the maximum.

### 3. Consumer analysis

Americans continue to actively advocate the legalization of marijuana, and according to Gallup, 64% now claim that its use should be legal. This is the highest level of public support among countries for almost half a century of research on public opinion.

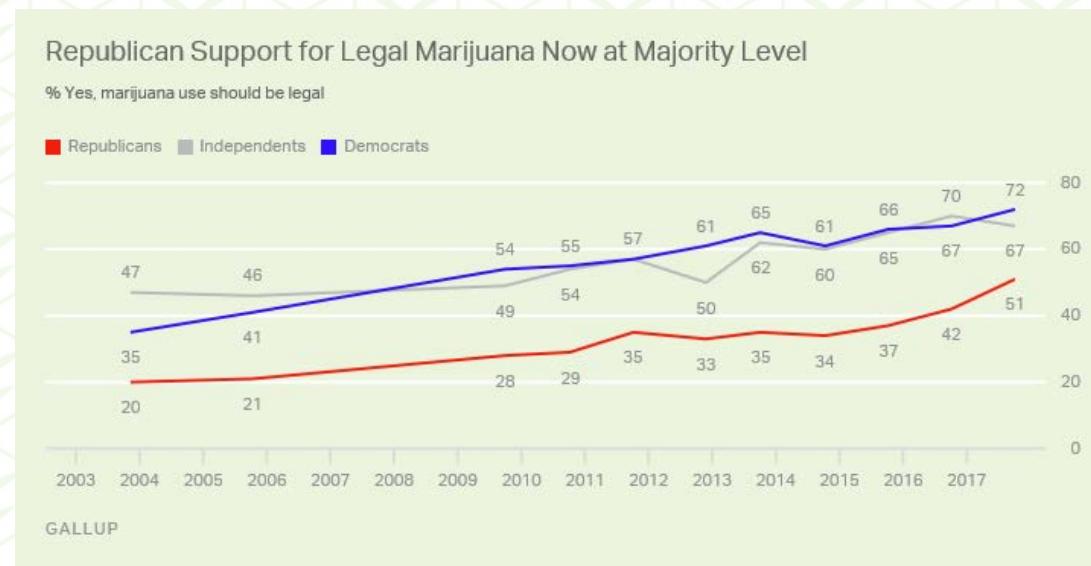


Source: Gallup

Gallup was first asked by a national adult about their views on this topic in 1969, when 12% supported legalization. Support was more than doubled by the end of the next decade, but changed little during the 1980s and 1990s. By 2001, however, about a third of Americans favored the legalization of marijuana in 2013.

Over the past few years, Gallup has discovered that Americans have become more liberal on a variety of social issues. Most Republicans now support the legalization of marijuana. Democrats in 2009 first announced the need for legalization of marijuana, and then the independent persons in 2010.

This year for the first time, most Republicans express support for the legalization of marijuana.



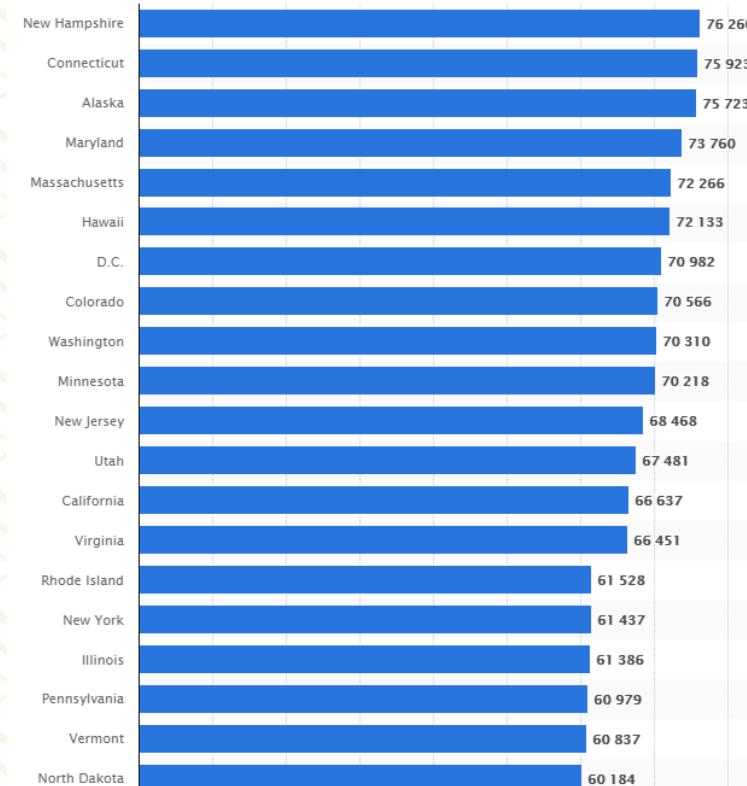
Source: Gallup

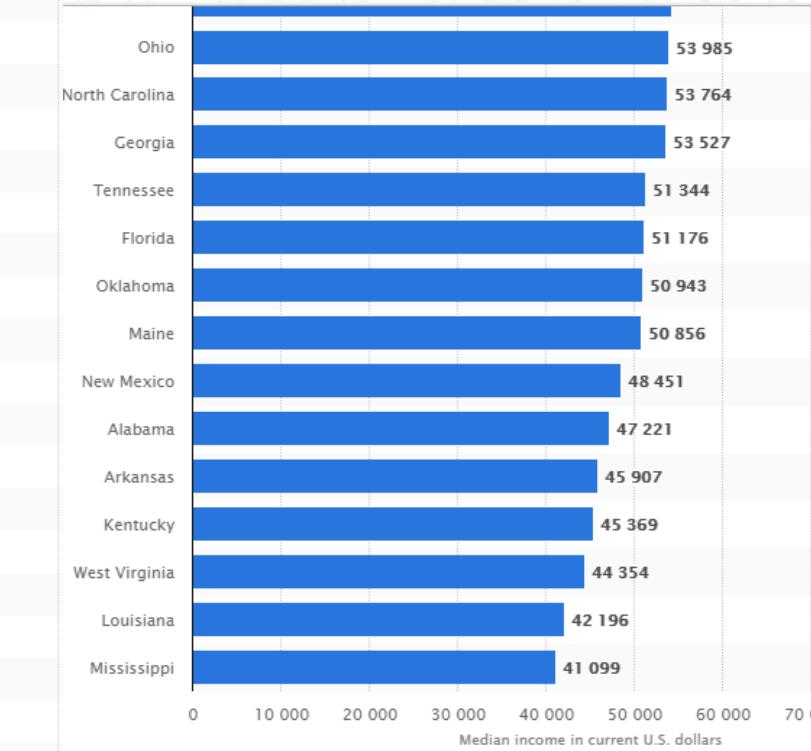
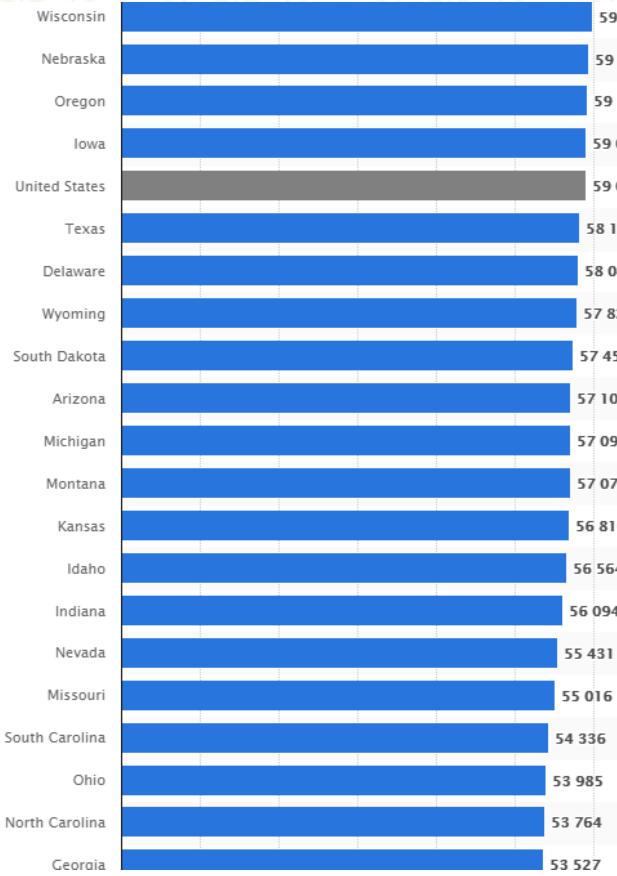
## 4. Methods of research

The results of the Gallup survey are based on telephone interviews conducted on October 5-11, 2017, with a random sample of 1028 adults aged 18 and over living in all 50 states and the District of Columbia. Based on the results of the general sample of the adult population, the sampling error is  $\pm 4$  percentage points at the 95% confidence level. All given limits of sampling error include the calculated design effects for weighing.

Each sample of the adult population includes a minimum quota of 70% of mobile phones of respondents and 30% of fixed-line respondents, with additional minimum quotas for the time zone within the region. Wired and cellular phone numbers are selected using random dialing methods.

**The average household income in the United States in 2016, by state (in current US dollars)**





**Average personal income, August 2017**

Age	In a month, \$	Per year, \$
<b>16-19</b>	1 680	21 840
<b>20-24</b>	2 112	27 456
<b>25-34</b>	3 032	39 416
<b>35-44</b>	3 800	49 400
<b>45-54</b>	3 842	50 024
<b>55-64</b>	3 816	49 608
<b>from 65</b>	3 552	46 176

## 1. Competitors

Manufacturers of modern plant growing equipment can be divided into types for industrial vertical farms, multi-tiered farms and solutions for home growing. There are few private vertical farm companies, including Square Roots, ZipGrow and Freight Farms. In addition, companies do not operate at full capacity (presumably because of a lack of capital or not fully developed technology). Pilot instances are started, but there is no active promotion. Among the equipment for private use, there are solutions such as Evogro, which are focused on the business segment of the restaurant business.

Other manufacturers, which started relatively recently in 2016-2017, have unpresentable prototypes and can not be fully considered competitors.

## 2. Target Audience

The most attractive groups of target customers include:

- People who are concerned about healthy eating will get organic products.
- People to whom the doctor prescribes the use of marijuana will receive a tremendous benefit from the equipment.
- Segments of consumers above the middle and premium segments.

- Chefs of restaurants and hotels to realize their ideas and increase the prestige of the institution.
- Partners from the public sector (medicine) or private clinics for the sale of marijuana and devices for its use.
- Marijuana breeding companies.
- Developers will be able to place equipment in residential complexes and provide fresh products to all residents, this is their competitive advantage in the real estate market.
- Schools and institutes will be able to conduct experiments and study the process of photosynthesis directly at the lectures, which will increase interest in this science.
- Farmers living in megacities can create their own business in the city and do their favorite things.
- Large agro-holdings will be able to optimize costs and increase the efficiency of use of production facilities.
- Large food network companies will be able to provide their stores with their own fresh vegetables and save on logistics.

# Financial Plan

## Initial data

### Indicator

### Value

### Value

General data		
Rate of USDRUB	57	roubles
Rate of inflation	4%	%
Plan of production	1 200	units/month
Plane of sales	1 200	units/month
Sale price of unit	3 999	\$
Rising of sales	15%	%
Discount rate	7,00%	%

## Investment

Regularity development (from 3 years)	1000000	\$/year	2018										2019	Feuguary
Period	March	April	May	June	July	August	September	October	November	December	January	Feuguary		
Land and industrial premises	1200000													
Industrial machine tools	570000	190000	380000	380000	380000									
Administrative needs	130000													
Vehicles	175000	175000												
Other payments	-	164000	164000			328000	164000							
Current administrative cost	-	241700	191700	197200	319530	367280	390522	390522	434522	446552	471522	482482		
Taxes	-	25110	25110	25110	31590	33480	63414	87408	116532	167760	222498	297439		

**Seasonable**

<b>January</b>	<b>85%</b>	<b>%</b>
<b>February</b>	<b>90%</b>	<b>%</b>
<b>March</b>	<b>100%</b>	<b>%</b>
<b>April</b>	<b>100%</b>	<b>%</b>
<b>May</b>	<b>95%</b>	<b>%</b>
<b>June</b>	<b>80%</b>	<b>%</b>
<b>July</b>	<b>75%</b>	<b>%</b>
<b>August</b>	<b>95%</b>	<b>%</b>
<b>September</b>	<b>100%</b>	<b>%</b>
<b>October</b>	<b>115%</b>	<b>%</b>
<b>November</b>	<b>125%</b>	<b>%</b>
<b>December</b>	<b>135%</b>	<b>%</b>

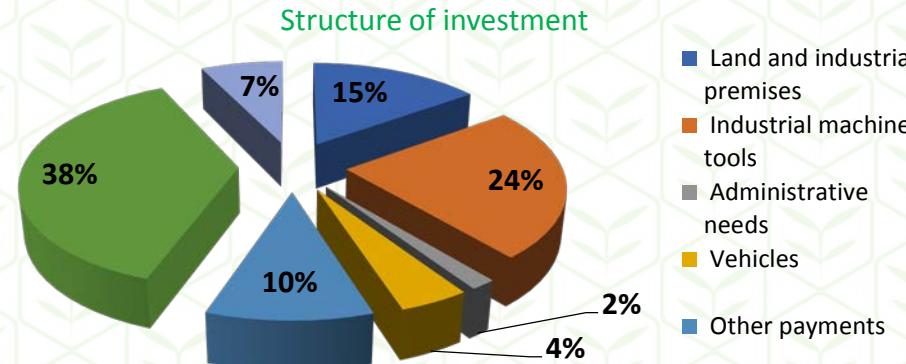
**Staff**

<b>Project director</b>	<b>1</b>	<b>employers</b>
Financial department	4	employers
Procurement department	2	employers
Sales department	4	employers
Engineering department	3	employers
Production department	23	employers
Maintenance department	8	employers
Agronomics	4	employers
Designers	2	employers
IT department	2	employers
Marketing specialist	1	employers
Legal department	1	employers
Reserve	1	employers
Project director	5000	\$
Financial department	3000	\$
Procurement department	3000	\$
Sales department	4000	\$
Engineering department	5000	\$
Production department	3000	\$
Maintenance department	3000	\$
Agronomics	5000	\$
Designers	3000	\$
IT department	3000	\$
Marketing specialist	4000	\$
Legal department	7000	\$
Reserve	15000	\$
<b>Indexation of salary</b>	<b>4%</b>	<b>%/year</b>

**Constantly current spending with project goals**

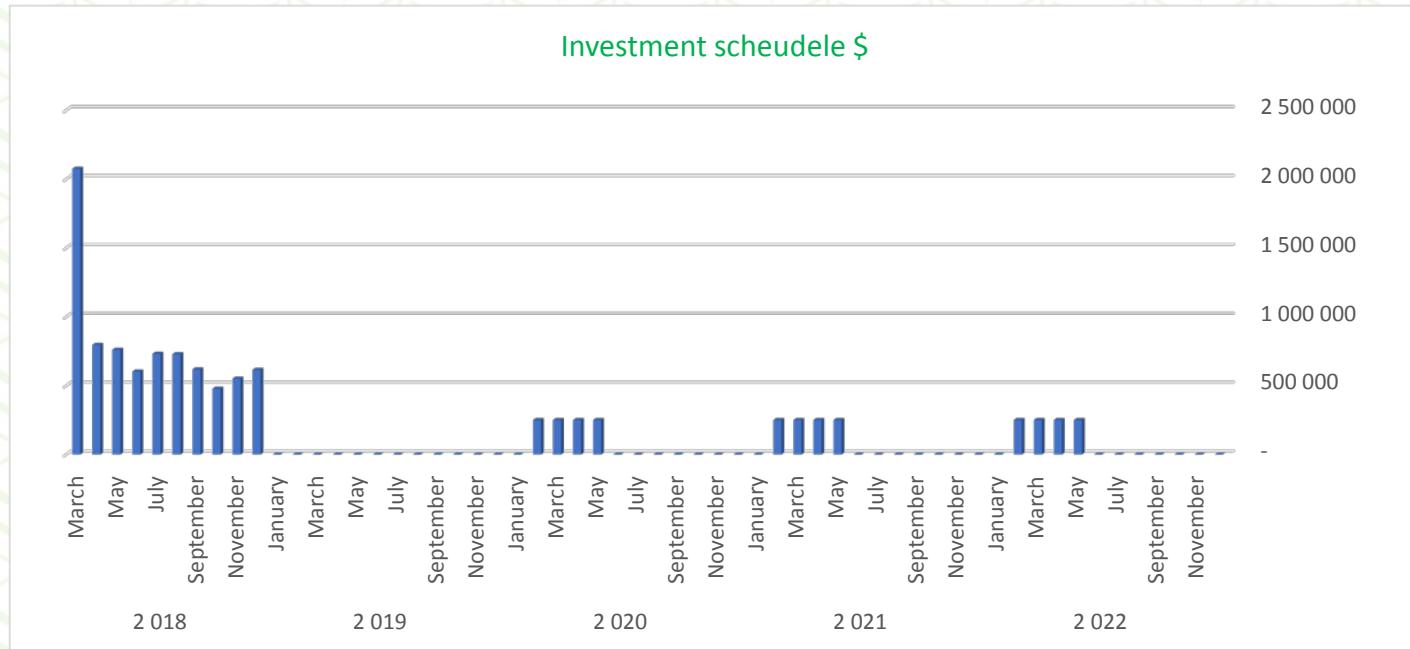
<b>Utility payments</b>	<b>37500</b>	<b>\$</b>
Ads materials	38500	\$
Marketing	175000	\$
Accomodation for foreign expats	50000	\$
IT infrastructure	4500	\$
Hospitality expenses	4500	\$

## Investment plan



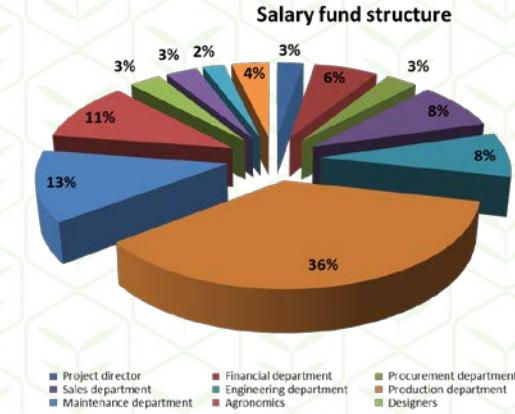
2018

No	Investments	The whole cost, \$	March	April	May	June	July	August	September	October	November	December
1	Land and industrial premises	1 200 000	1 200 000	-	-	-	-	-	-	-	-	-
2	Industrial machine tools	1 900 000	570 000	190 000	380 000	380 000	380 000	-	-	-	-	-
3	Administrative needs	130 000	130 000	-	-	-	-	-	-	-	-	-
4	Vehicles	350 000	175 000	175 000	-	-	-	-	-	-	-	-
5	Other payments	820 000	-	164 000	164 000	-	-	328 000	164 000	-	-	-
6	Current administrative cost	2 979 498	-	241700	191700	197200	319530	367280	390522	390522	434522	446552
7	Taxes	575 514	-	25110	25110	25110	31590	33480	63414	87408	116532	167760
8	Development	-	-	-	-	-	-	-	-	-	-	-
Total		<b>7 955 012</b>	2 075 000	795 810	760 810	602 310	731 120	728 760	617 936	477 930	551 054	614 282

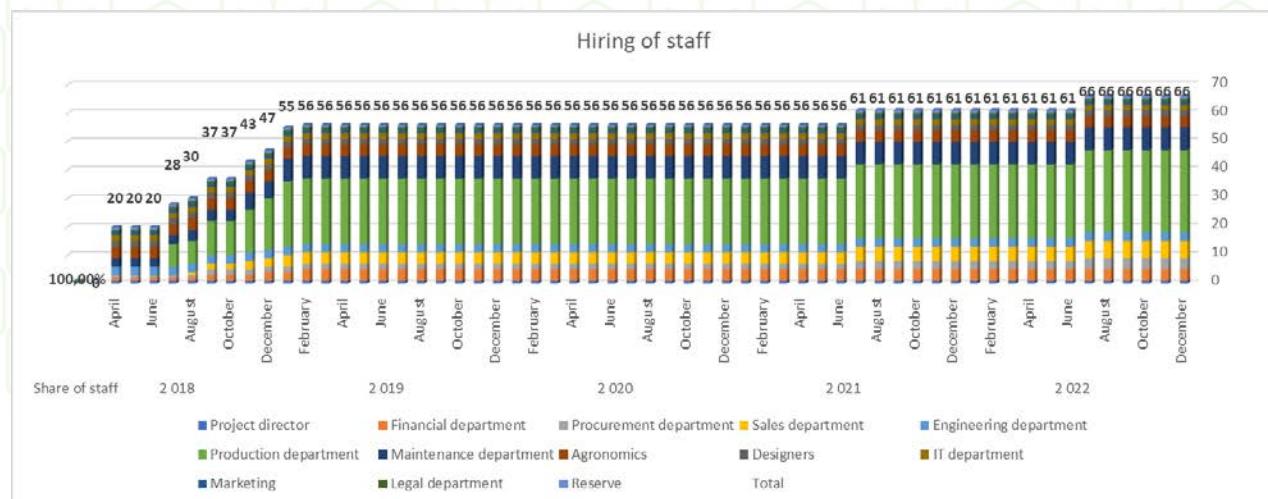


## Staff of the project

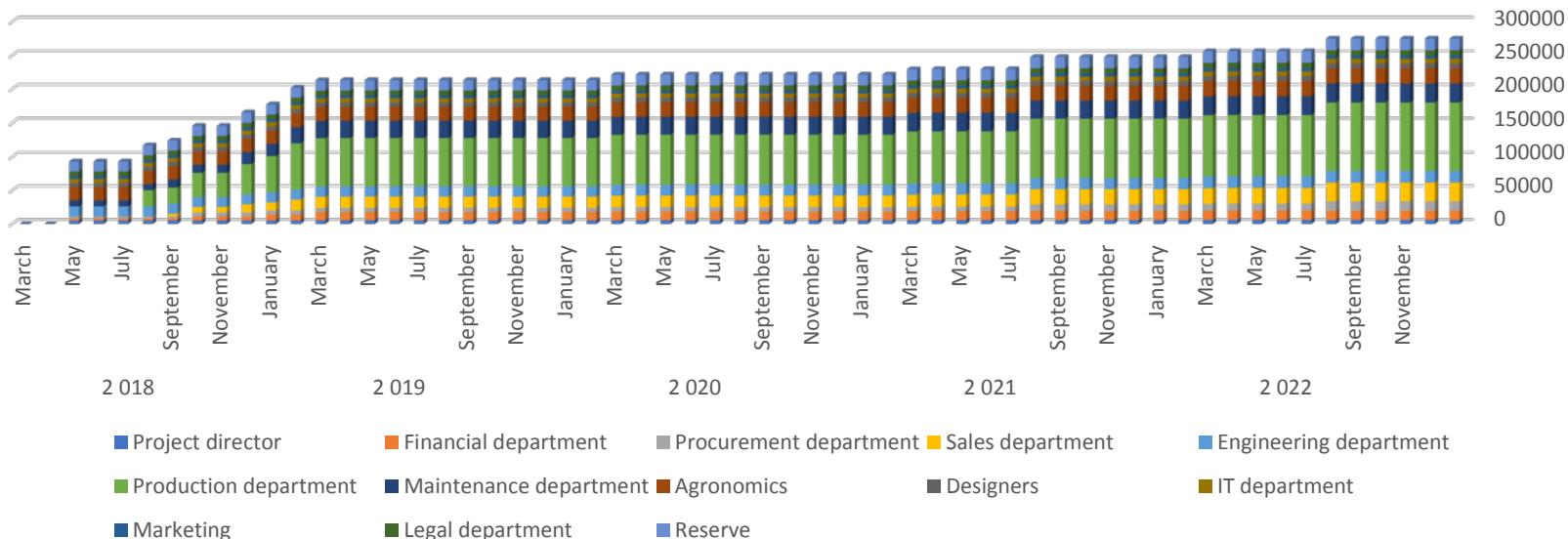
Position	Number	Salary	Medium salary for 1 employer
Project director	1	5 000	5 000
Financial department	4	12 000	3 000
Procurement department	2	6 000	3 000
Sales department	4	16 000	4 000
Engineering department	3	15 000	5 000
Production department	23	69 000	3 000
Maintenance department	8	24 000	3 000
Agronomics	4	20 000	5 000
Designers	2	6 000	3 000
IT department	2	6 000	3 000
Marketing specialist	1	4 000	4 000
Legal department	1	7 000	7 000
<b>Total</b>	<b>56</b>	<b>205 000</b>	<b>3 661</b>



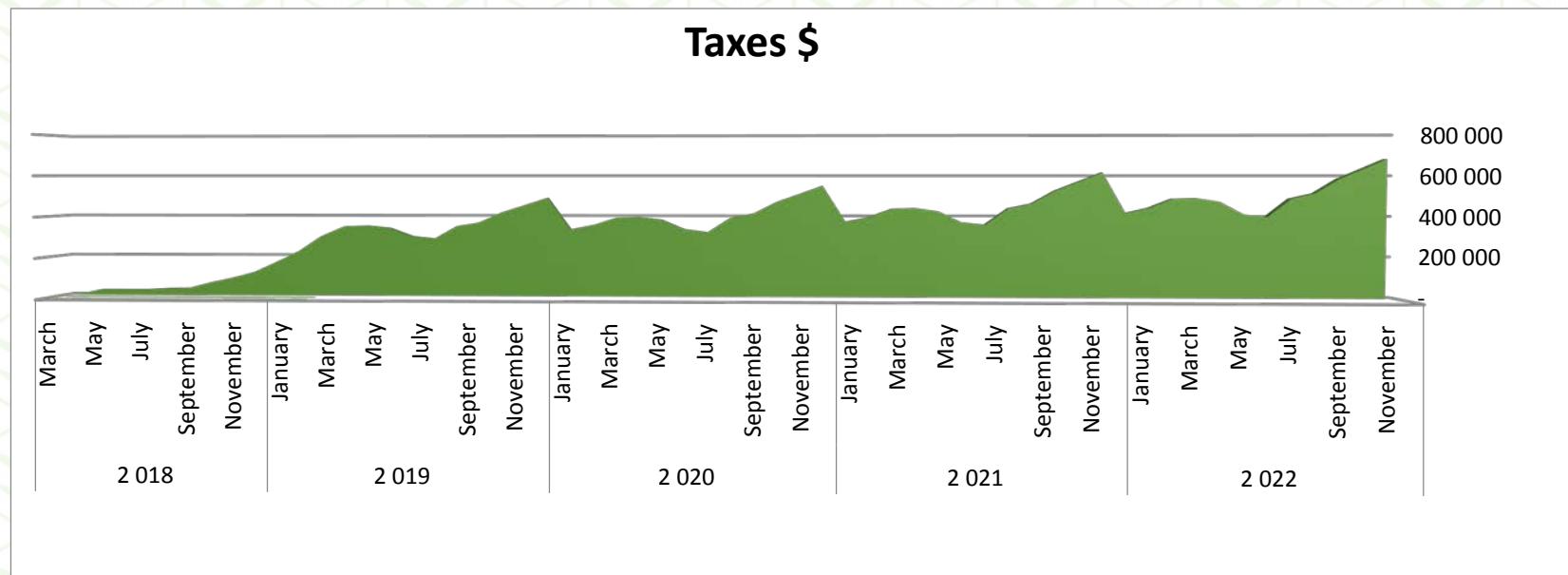
Hiring of staff



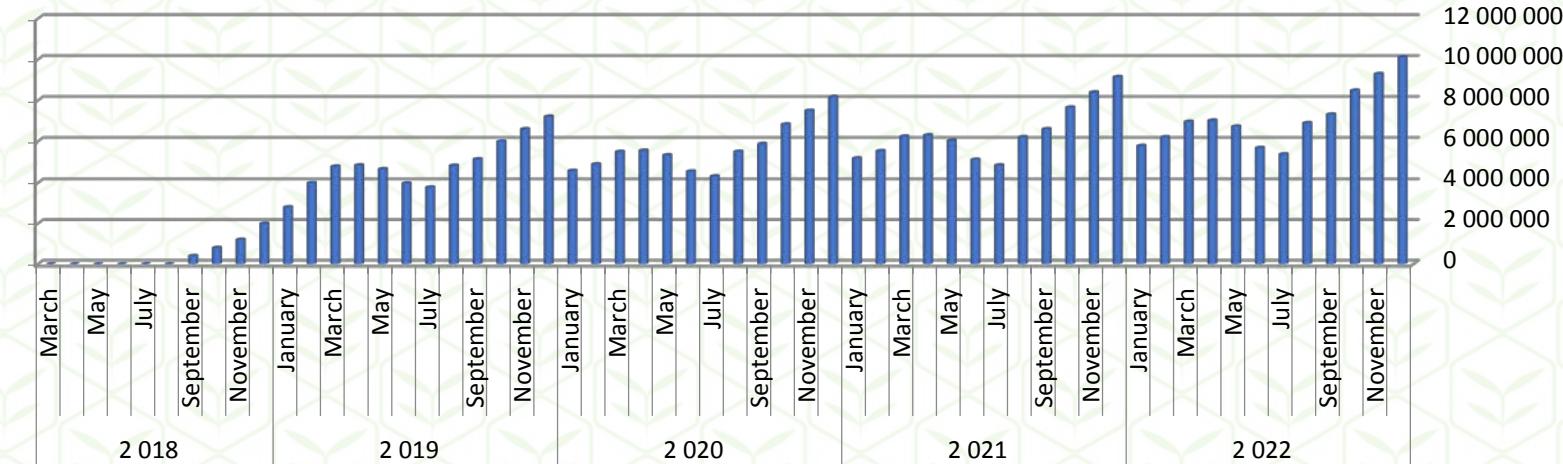
## Salary fund \$



Tax payments

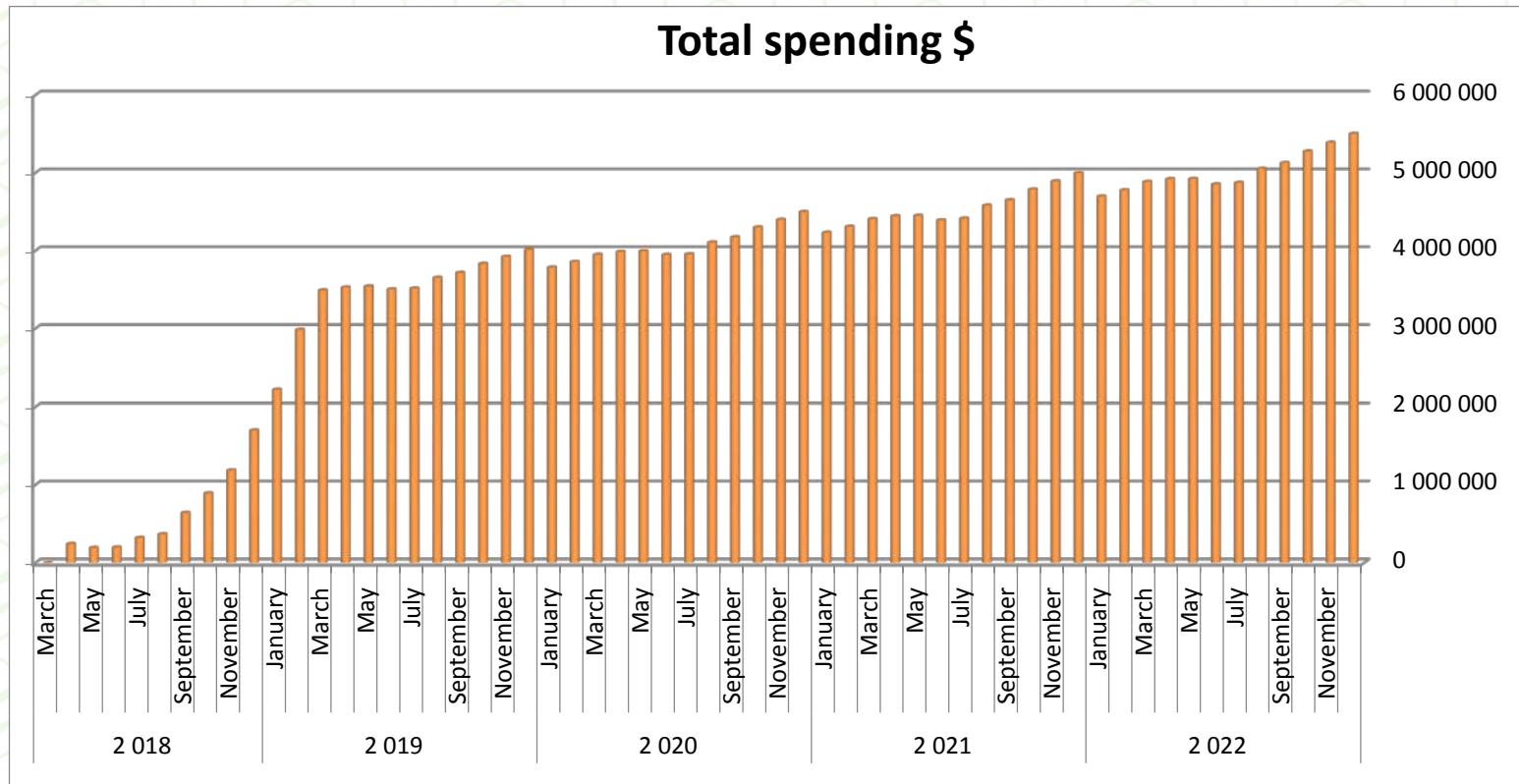


Taxes	March	April	May	June	July	August	September	October	November	December	2018
<b>Social contributions</b>	0	13020	13020	13020	16380	17360	20440	20440	23100	24780	
<b>Personal Income Tax</b>	0	12090	12090	12090	15210	16120	18980	18980	21450	23010	
<b>Income Taxes</b>	0	0	0	0	0	0	23994	47988	71982	119970	
<b>Total:</b>	0	25110	25110	25110	31590	33480	63414	87408	116532	167760	

**Revenue**
**Revenue \$**


Planning revenue while achieving planning indicators will compose about \$4.8 mln per month and more then \$50 mln per year. For first year of work the project it will compose according the plans till \$31 mln. Thus it's almost 5 times more then planning investment.

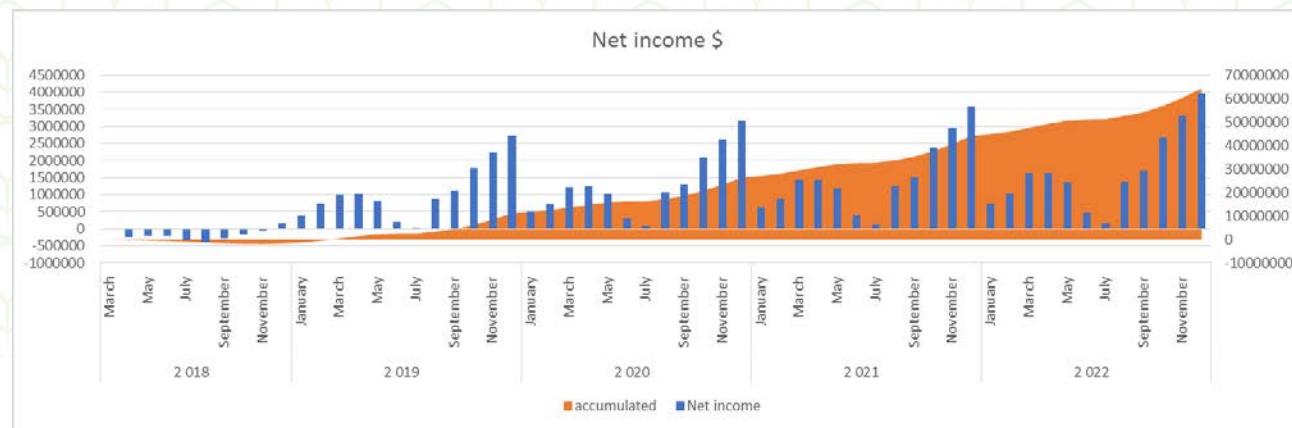
Current spending



Current spending	2018											2019		
	March	April	May	June	July	August	September	October	November	December	January	Feguary		
Current administrative cost	0	241 700	191 700	197 200	319 530	367 280	390 522	390 522	434 522	446 522	471 522	482 482		
Salaries&Wages	0	93 000	93 000	93 000	117 000	124 000	146 000	146 000	165 000	177 000	202 000	212 960		
Utility payments	0	7 500	7 500	7 500	18 750	37 500	37 500	37 500	37 500	37 500	37 500	37 500		
Ads materials				5 500	16 500	38 500	38 500	38 500	38 500	38 500	38 500	38 500		
Marketing	0	75 000	75 000	75 000	150 000	150 000	150 000	150 000	175 000	175 000	175 000	175 000		
Accomodation for foreign expats	0	50 000												
IT infrastructure	0	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500		
Other office needs	0	7 200	7 200	7 200	8 280	8 280	9 522	9 522	9 522	9 522	9 522	9 522		
Hospitality expenses	0	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500	4 500		
Reserve	0	0	0	0	0	0	0	0	0	0	0	0		
DIRECT AND MANUFACTURING OVERHEAD	0	0	0	0	0	0	249 990	499 980	749 970	1 249 950	1 749 930	2 499 900		
Direct cost	0	0	0	0	0	0	200 000	400 000	600 000	1 000 000	1 400 000	2 000 000		
Bonuses for sales managers (10%)	0	0	0	0	0	0	11 997	23 994	35 991	59 985	83 979	119 970		
Bonuses for regionals (10%)	0	0	0	0	0	0	27 993	55 986	83 979	139 965	195 951	279 930		
Manufacturing overhead	0	0	0	0	0	0	10 000	20 000	30 000	50 000	70 000	100 000		
Direct reserve	0	0	0	0	0	0	0	0	0	0	0	0		
Total spending	0	241 700	191 700	197 200	319 530	367 280	640 512	890 502	1 184 492	1 696 472	2 221 452	2 982 382		

## P&L report

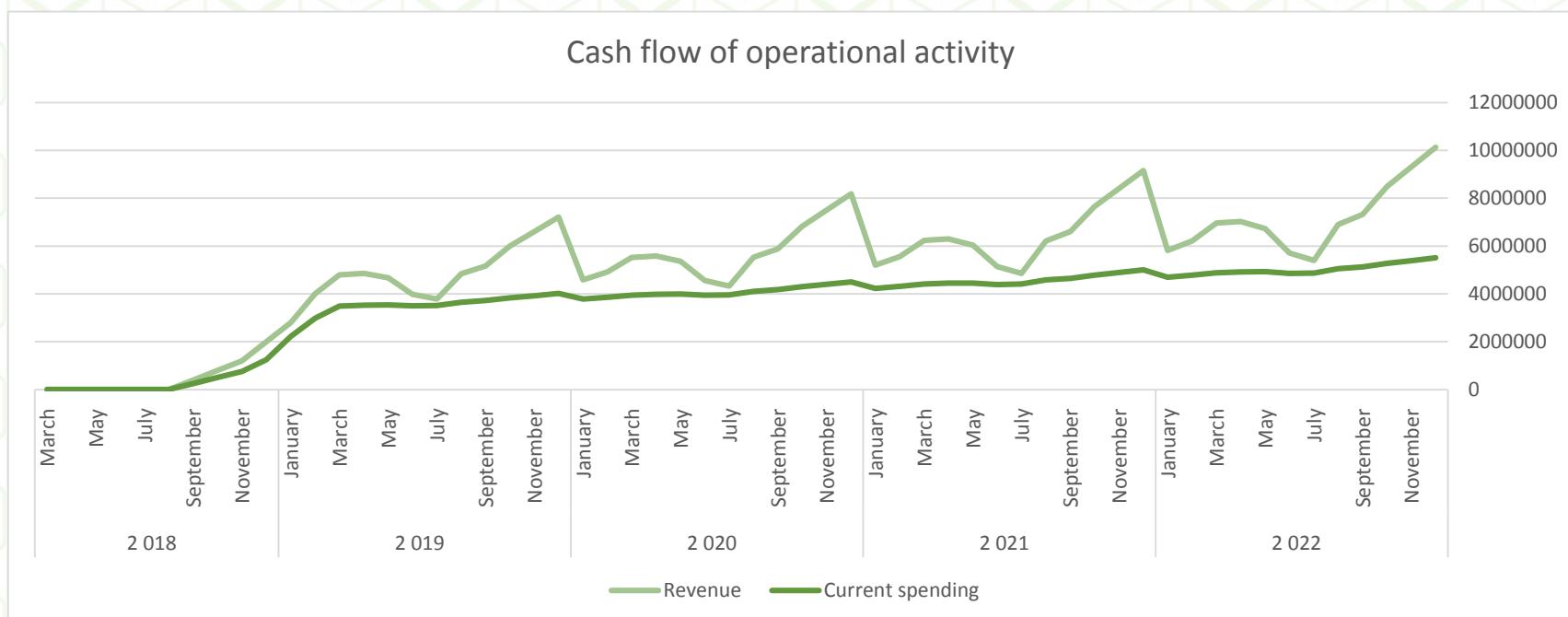
P&L		2 018										
		March	April	May	June	July	August	September	October	November	December	
<b>Revenue</b>		0	0	0	0	0	0	399900	799800	1199700	1999500	
<b>Current spending</b>		0	241700	191700	197200	319530	367280	640512	890502	1184492	1696472	
<b>Current administrative cost</b>		0	241700	191700	197200	319530	367280	390522	390522	434522	446522	
<b>DIRECT AND MANUFACTURING OVERHEAD</b>		0	0	0	0	0	0	249990	499980	749970	1249950	
<b>Income</b>		0	-241700	-191700	-197200	-319530	-367280	-240612	-90702	15208	303028	
<b>Taxes</b>		0	0	13020	13020	16380	17360	44434	68428	95082	144750	
<b>Salary taxes</b>		0	12090	12090	12090	15210	16120	18980	18980	21450	23010	
<b>Social payments</b>		0	13020	13020	13020	16380	17360	20440	20440	23100	24780	
<b>VAT</b>		0	0	0	0	0	0	0	0	0	0	
<b>Property tax</b>		0	0	0	0	0	0	0	0	0	0	
<b>Income tax</b>		0	0	0	0	0	0	23994	47988	71982	119970	
<b>Net income</b>		0	-241700	-204720	-210220	-335910	-384640	-285046	-159130	-79874	158278	
<b>accumulated</b>		0	-241700	-446420	-656640	-992550	-1377190	-1662236	-1821366	-1901240	-1742962	

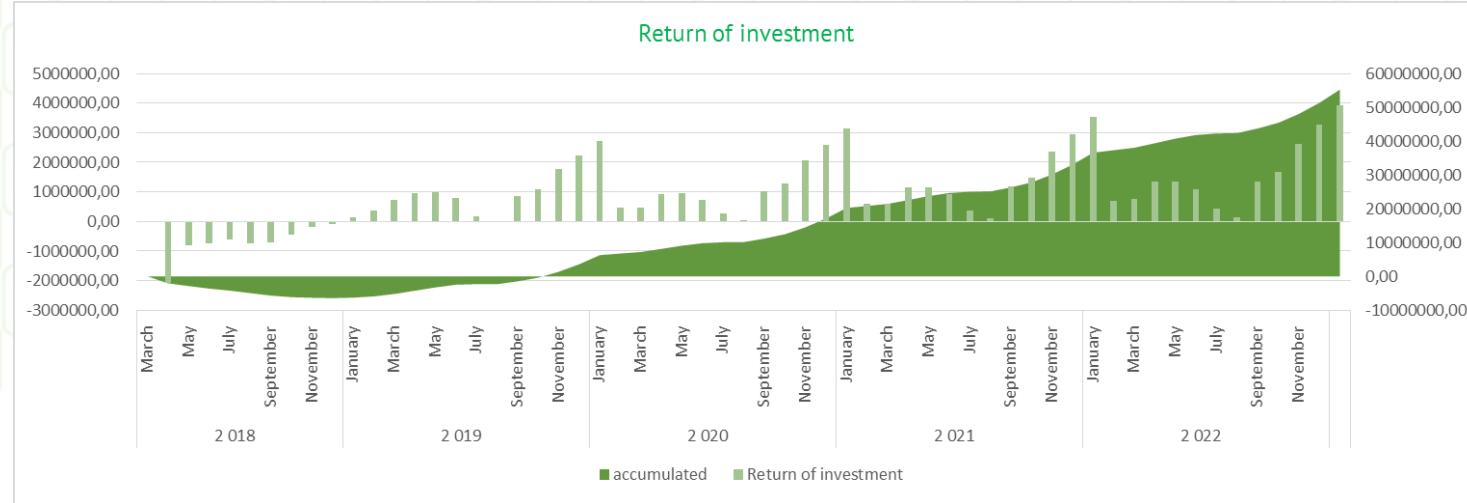
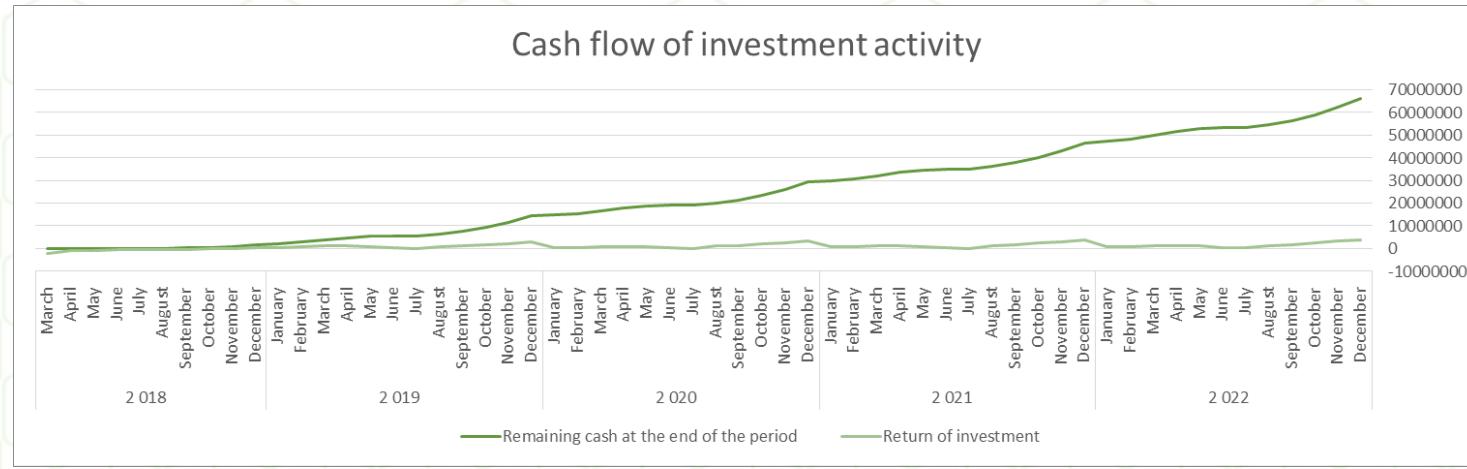


## Cash flow

**2018**

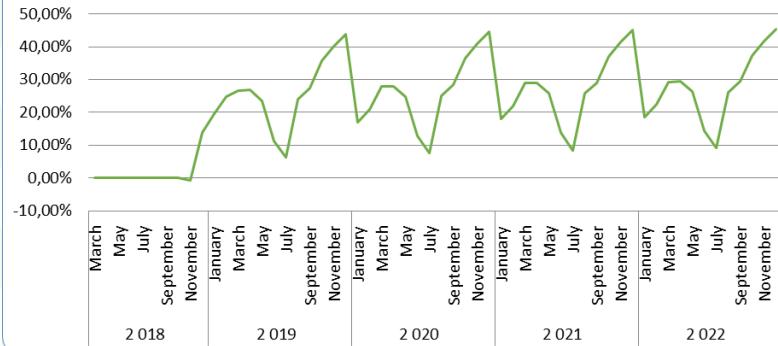
	March	April	May	June	July	August	September	October	November	December
<b>Operational activity</b>										
Revenue	0	0	0	0	0	0	399900	799800	1199700	1999500
Current spending	0	0	0	0	0	0	249990	499980	749970	1249950
Current administrative cost	0	0	0	0	0	0	0	0	0	0
DIRECT AND MANUFACTURING OVERHEAD	0	0	0	0	0	0	249990	499980	749970	1249950
Taxes	0	0	0	0	0	0	0	0	0	0
Social contributions	0,00	13020,00	13020,00	13020,00	16380,00	17360,00	20440,00	20440,00	23100,00	24780,00
Personal Income Tax	0,00	12090,00	12090,00	12090,00	15210,00	16120,00	18980,00	18980,00	21450,00	23010,00
Property tax	0	0	0	0	0	0	0	0	0	0
Income tax	0	0	0	0	0	0	23994	47988	71982	119970
Net income	0	0	0	0	0	0	149910	299820	449730	749550
accumulated	0	0	0	0	0	0	149910	449730	899460	1649010
<b>Investment activity</b>										
Investment income including	2075000	795810	760810	602310	731120	728760	617936	477930	551054	614282
Investment	2075000	795810	760810	602310	731120	728760	617936	477930	551054	614282
Investment spending uncluding	2075000	795810	760810	602310	731120	728760	617936	477930	551054	614282
Land plot acquisition	1200000	0	0	0	0	0	0	0	0	0
Industrial machine tools	570000	190000	380000	380000	380000	0	0	0	0	0
Administrative needs	130000	0	0	0	0	0	0	0	0	0
Vehicles	175000	175000	0	0	0	0	0	0	0	0
Other payments	0	164000	164000	0	0	328000	164000	0	0	0
Current administrative cost	0	241700	191700	197200	319530	367280	390522	390522	434522	446522
Taxes	0	25110	25110	25110	31590	33480	63414	87408	116532	167760
Development	0	0	0	0	0	0	0	0	0	0
Return of investment	-2075000	-795810	-760810	-602310	-731120	-728760	-468026	-178110	-101324	135268
accumulated	-2075000	-2870810	-3631620	-4233930	-4965050	-5693810	-6161836	-6339946	-6441270	-6306002
Remaining cash at the beginning of the period	0	0	0	0	0	0	0	149910	449730	899460
Total revenue	2075000	795810	760810	602310	731120	728760	1017836	1277730	1750754	2613782
Total retirement	2075000	795810	760810	602310	731120	728760	867926	977010	1301024	1864232
Remaining cash at the end of the period	0	0	0	0	0	0	149910	449730	899460	1649010
Remaining cash at the end of the period	0	0	0	0	0	0	149910	449730	899460	1649010



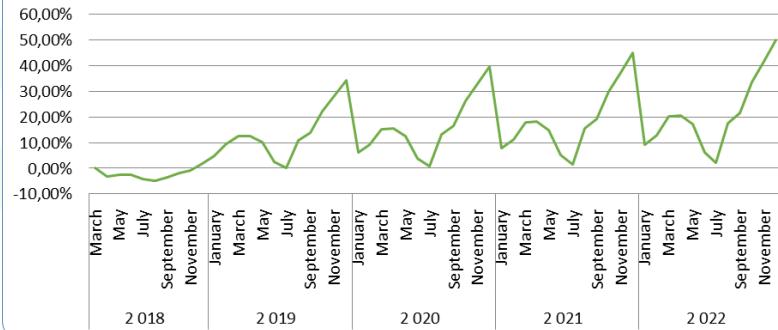


## Financial analysis

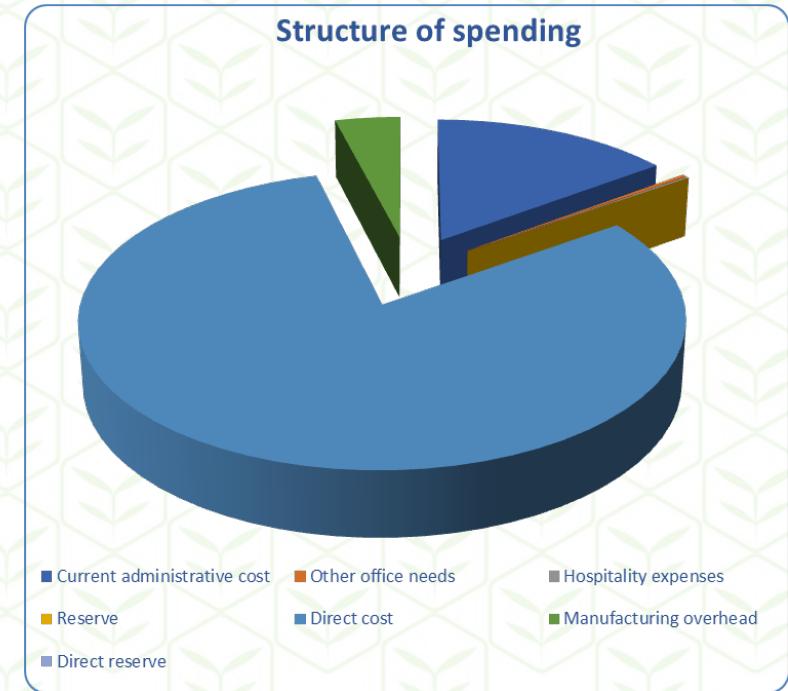
### Return of sales

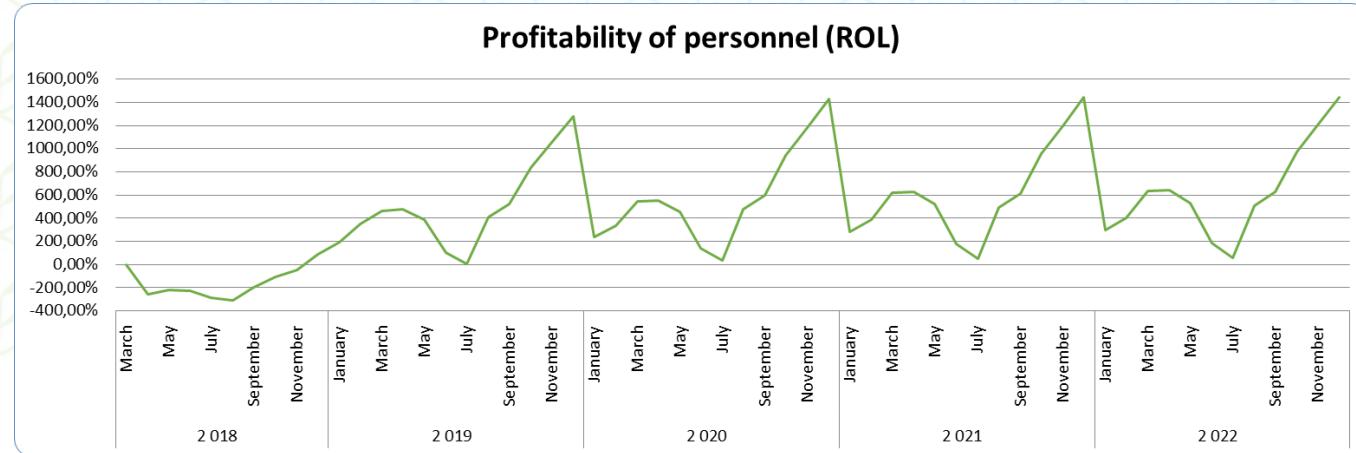
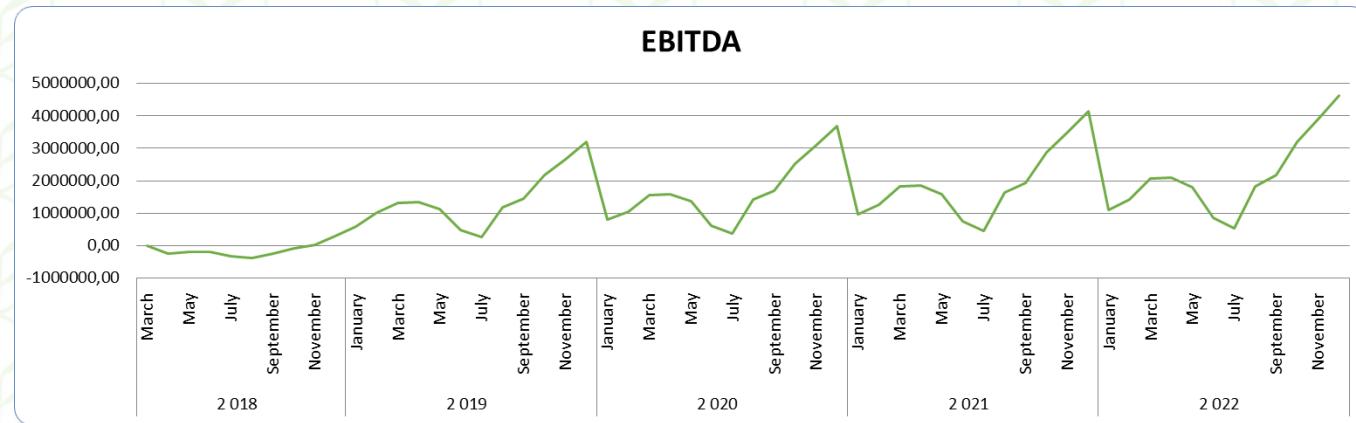


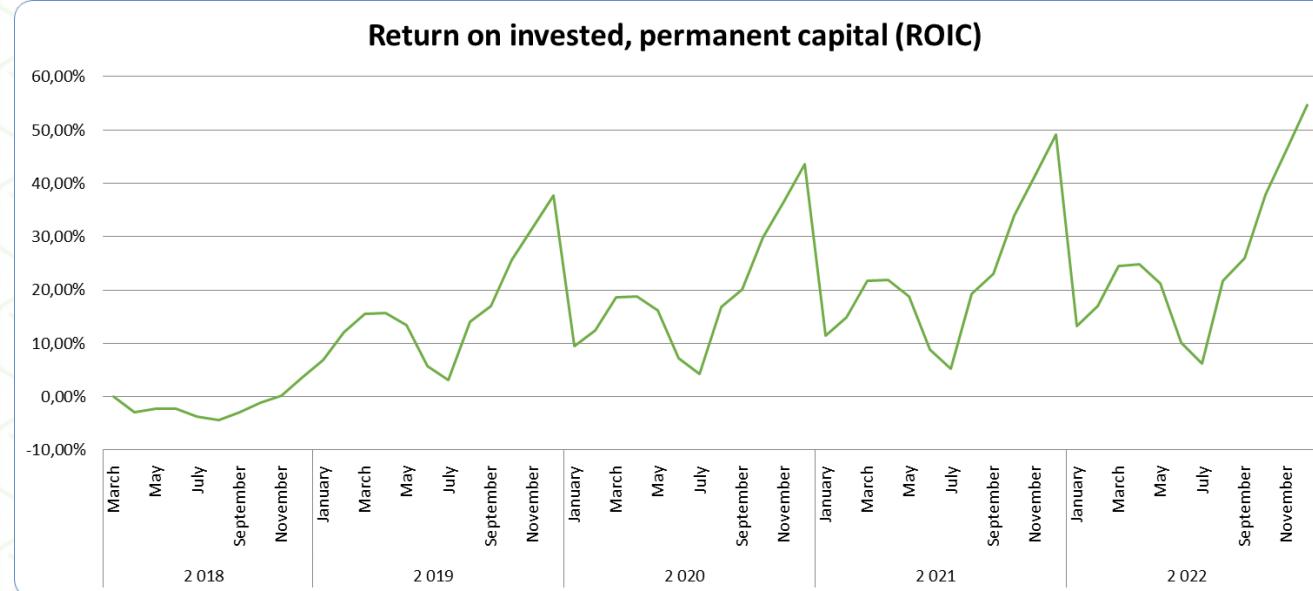
### Profitability of equity (ROE)



### Structure of spending

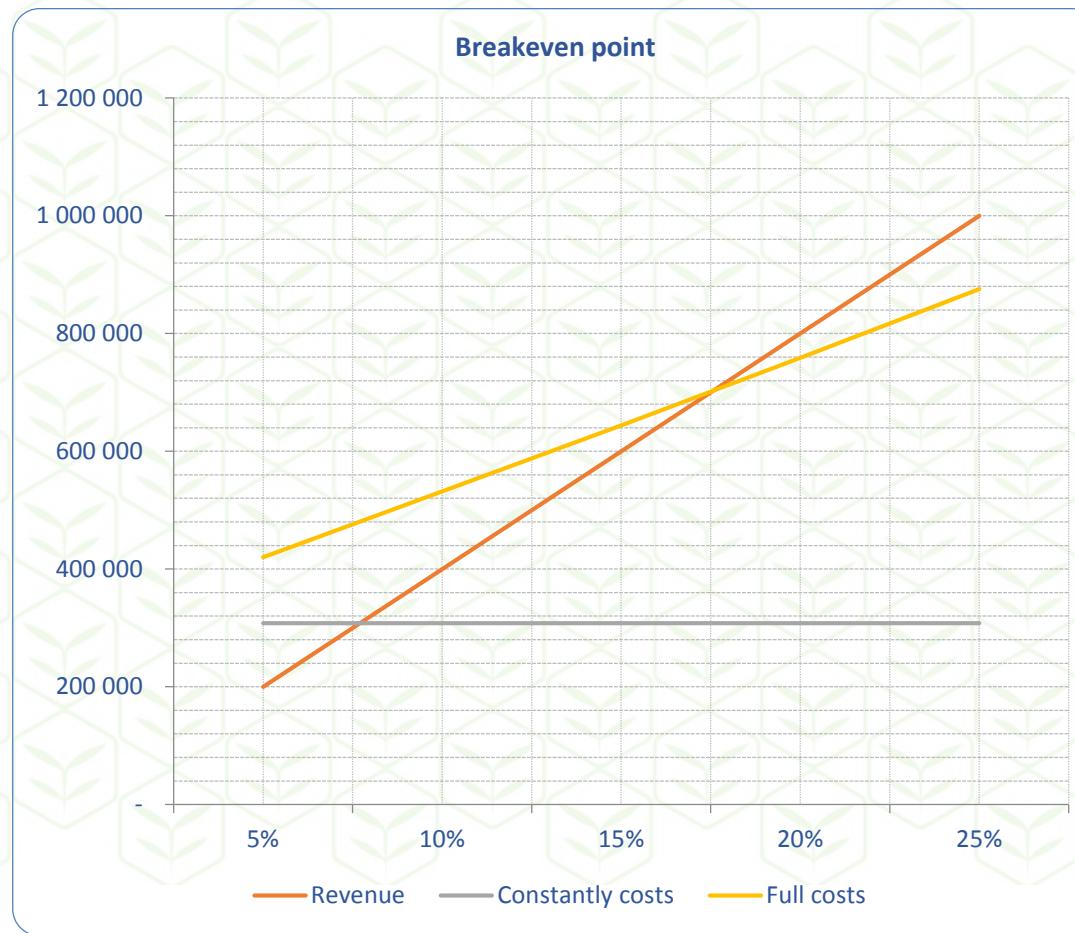






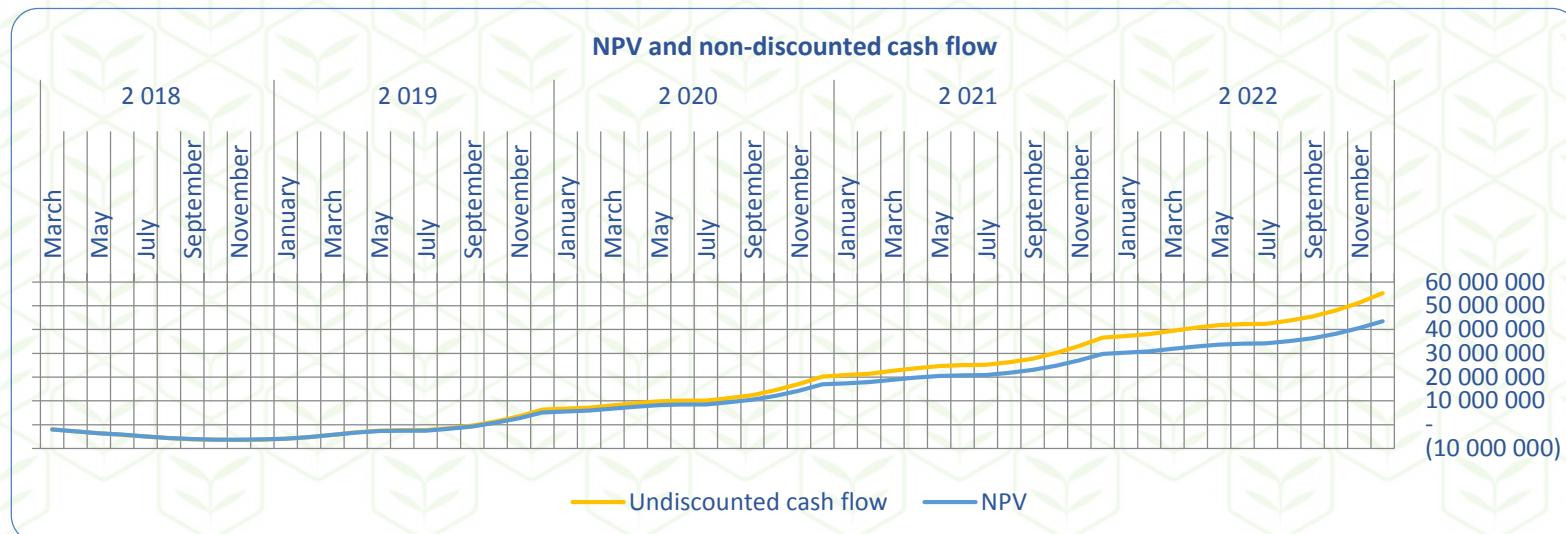
## Breakeven point

<b>Breakeven point</b>					<b>18%</b>
<b>Breakeven point</b>	719820,00				
<b>Operating lever</b>	43,99%				
<b>operational lever - with increasing revenue, profit increases by an amount equal to 43.99% of revenue growth</b>					
Loading	5%	10%	15%	20%	25%
Revenue	199 950,00	399 900,00	599 850,00	799 800,00	999 750,00
Constantly costs	307 722,00	307 722,00	307 722,00	307 722,00	307 722,00
Salaries&Wages	213 200,00	213 200,00	213 200,00	213 200,00	213 200,00
Utility payments	37 500,00	37 500,00	37 500,00	37 500,00	37 500,00
Ads materials	38 500,00	38 500,00	38 500,00	38 500,00	38 500,00
IT infrastructure	4 500,00	4 500,00	4 500,00	4 500,00	4 500,00
Other office needs	9 522,00	9 522,00	9 522,00	9 522,00	9 522,00
Hospitality expenses	4 500,00	4 500,00	4 500,00	4 500,00	4 500,00
Reserve	-	-	-	-	-
Variable costs	111998,25	223996,50	335994,75	447993,00	559991,25
Bonuses for sales managers 3%)	2 099,48	4 198,95	6 298,43	8 397,90	10 497,38
Bonuses for regionals (7%)	4 898,78	9 797,55	14 696,33	19 595,10	24 493,88
Direct cost	100 000,00	200 000,00	300 000,00	400 000,00	500 000,00
Manufacturing overhead	5 000,00	10 000,00	15 000,00	20 000,00	25 000,00
Direct reserve	-	-	-	-	-
Income taxes	0,00	0,00	0,00	2645,10	7922,21
Property taxes	0,00	0,00	0,00	0,00	0,00
Full costs	419720,25	531718,50	643716,75	758360,10	875635,46
Net income	-219770,25	-131818,50	-43866,75	41439,90	124114,55



## Net present value

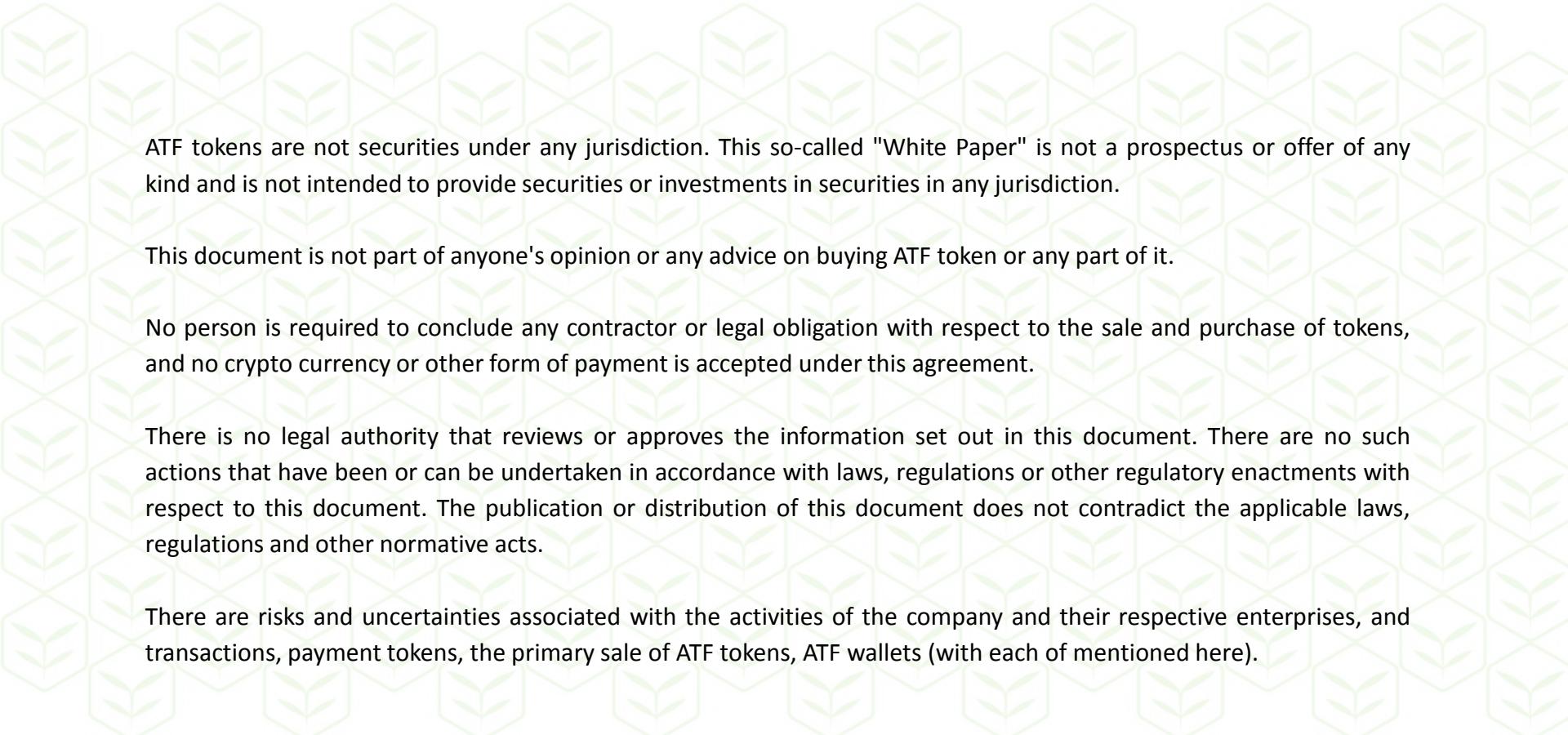
NPV	43 470 994.48
PI	4.97
IRR	102,3%
Payback period (undiscounted)	20 month
Payback period (discounted)	21 month
The moment of recovery of outlay (discounted)	November 2019



## Effectively indicators

Name of indicator	Value	Unit	Information
<b>General indicators of the project</b>			
Amount of investment	7 955 012,00	\$	
Total revenue from sales (sales balance)	295 142 196,50	\$	
Net profit of the project (excluding return on investment)	64 303 826,44	\$	
Profitability of sales by profit	28,37%	\$	
Disposals on current activities	208 429 868,60	\$	
Balance from main activity	83 732 829,40	\$	
Property on balance at the end of the planning horizon	0,00	\$	
Average net profit	1 108 686,66	\$/ q	
Breakeven point	719 820,00	\$/ q	
<b>Performance indicators for the investor</b>			
<b>Performance indicators for the investor</b>			
NPV	43 470 994,48	\$	Net present value. The gross income of the investor, taking into account the discount rate (in fact - how much money he will receive from the project, taking into account inflation)
PI	4,97	numbers	Profitability index. Shows how many times the amount of investment will increase when investing in a project. Indicates the sustainability of the project
IRR	102,3%	%	Internal rate of return. The discount rate at which the NPV will be zero (in fact investing money in this project is the same as putting the amount of investments into the bank at 21%. Obviously, there are no such percentages now and the project is more profitable)
Payback period (undiscounted)	20 month	period	
Payback period (discounted)	21 month	period	Number of months with a negative indicator of the investor's discounted income
The moment of recovery of outlay (discounted)	November 2019	date	

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3. Rights, options or derivative financial instruments with respect to such debt and / or shares;
4. Contractual rights to price differences or rights under any other contract aimed at ensuring profit or avoiding losses;
5. Unit of the collective investment scheme.
6. Any other security or class of securities.

(g) You are fully aware and understand that you are not entitled to buy any payment tokens if you are a citizen, a permanent resident of the United States, a green cardholder or a citizen / permanent resident of the Republic of Singapore

(h) You have a basic understanding of the operation, functionality, use, storage, transfer mechanisms and other characteristics of the crypto currency, software block chain, crypto currency purses or other mechanisms related to the storage of tokens, block chain technology, intellectual contractual technologies;

(i) You are fully aware and understand that if you want to acquire tokens, there are risks associated with: ATF, their commercial activities and transactions;

(j) You agree and acknowledge that the ATF is liable for any indirect, special, incidental or other damages of any kind connected with a crime, contract or otherwise (including but not limited to loss of revenue, income or profit, loss of use or data);

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