



2019

ELXIS

**A FINANCIALLY EFFICIENT ALTERNATIVE
TO OUR GROWING ENERGY NEEDS**

WhitePaper Version 1.1.0 | Elxis



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Introduction

Elxis is a team specialized in the field of renewable energy resources, and has as its main goal to create an alternative energy resource that can fuel our everyday energy requirements.

Energy is intertwined with human existence as without it mankind would not have achieved any of its milestones. This is better illustrated when we take a closer look on how we choose to categorize human history, based on how mankind has benefitted from its natural environment and has laid the foundation for growth and evolution (Stone Age, Iron Age, Copper Age).

In our modern world of technology, we use energy everyday to complete our daily tasks. A simple example is the following: energy moves our cars, fuels our plants and our household appliances and moves our ships. Nevertheless, the common energy resources used demand significant allocation of financial resources every year. Apart from the financial cost, the wide spread energy resources are presenting to be an irreversible environmental problem.

The majority of energy production is achieved through environmental intervention, causing ecological destruction and damaging the natural ecosystems in its path, only to end up using up all natural resources available.

On the other hand, renewable energy resources present a solution to a lot of the problems created by the common energy resources currently in use. Renewable energy resources take advantage of the forces of nature and space, presenting a more environmentally friendly resource which cannot run out.

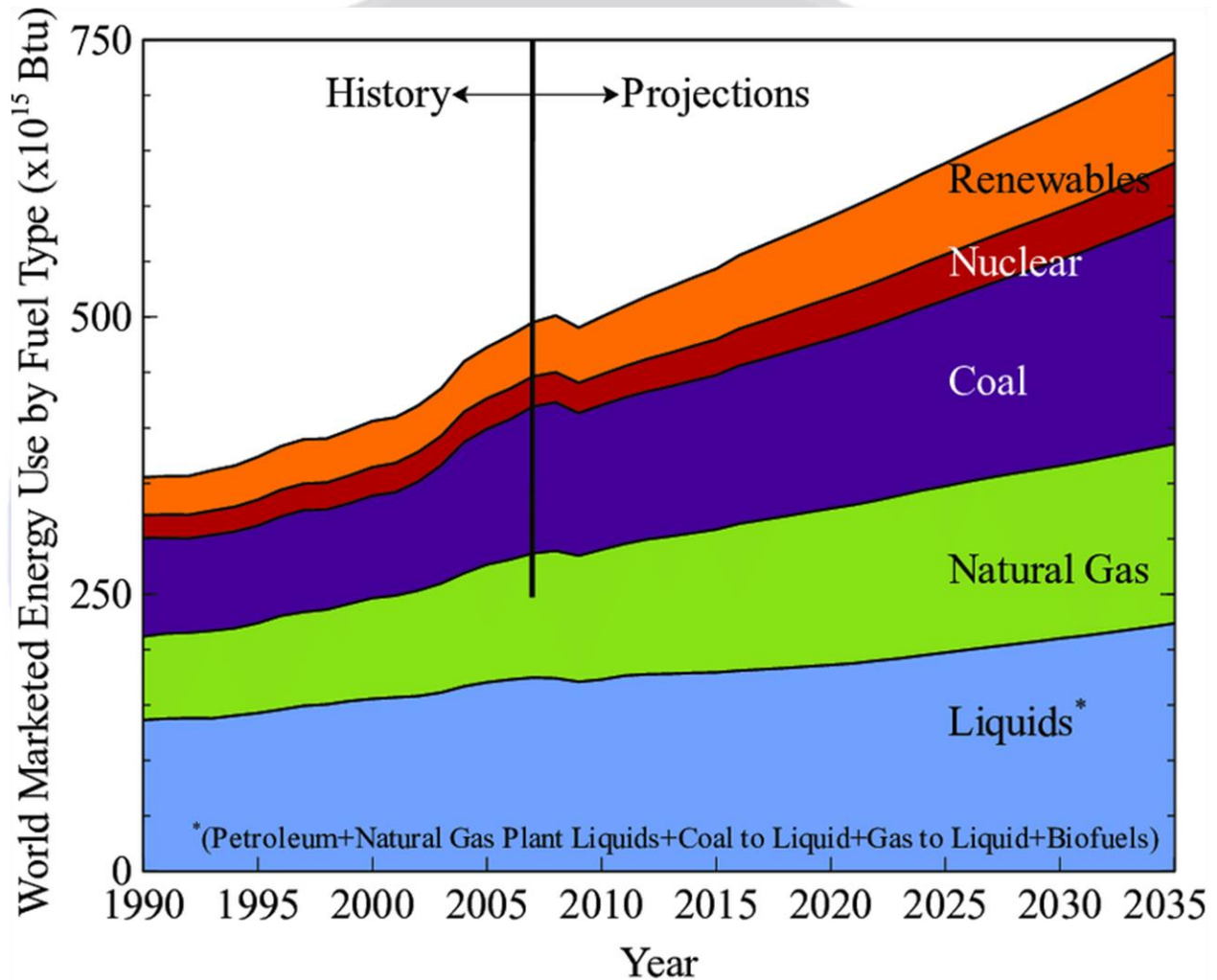
Now, Elxis, comes to solve this problem offering a financially effective product which can produce enough energy to sustain your everyday life, all under your control. Elxis produces energy through solar power, sound waves, electromagnetic waves, IR and all spectrums, making it sustainable in all types of climates and all through the day.

As presented in the next sections, the project is fully developed and offers the investors a unique opportunity.



Currently available energy resources

Energy use has always been a part of our societies, but since the industrial revolution its demand has skyrocketed with no signs of slowing down in the upcoming decades.



Source: Padilla, Ricardo. (2011). *Simplified Methodology for Designing Parabolic Trough Solar Power Plants*.

With technology becoming a more integral part of our everyday life everyone is consuming more and more of it. This comes at a high cost, not only financial but also environmental. To

solve these two issues different methods of energy production are currently in use. Here below we state the most popular methods.

Coal: is one of the most widely used energy sources around the world. The coal is burnt to produce electricity which is then spread through the network to the general public. The consumers pay for the consumption through the utility service bill.

Coal has been one of the cheapest methods of producing energy, nevertheless it comes with a high environmental cost both at the production and the consumption stage.

In addition, as every fossil fuel is, it is limited by the existing quantities on our planet.

Oil: is also a very popular energy source mainly used to fuel different types of transportation means, such as cars, trucks, ships, etc. In this category, all oil derivatives are included as different means make use of different types. Oil is accessed by the general public through the retailers and has been used to monitor the modern economies.

It is one of our main resources of energy, nevertheless, it also comes with significant environmental disadvantages. It is also limited by the existing quantities in our planet which has a huge impact in its pricing, that may fluctuate based on political and geographical factors, making it harder to access for a big part of the population.

Nuclear energy: is a highly effective energy producing method. Nuclear energy is used to produce electricity which is then used by the consumers. Nuclear energy is also limited by the available resources on our planet and the nuclear wastes produced come with a high environmental cost. In addition, nuclear energy has been received with skepticism due to the significant safety risks.

Solar energy: is gaining popularity over the recent decades in energy production as it does not face some of the major problems mentioned in the previous methods. Firstly, solar energy is in abundance in our planet, eliminating the risk of running out. In addition, solar energy is environmentally friendly as it creates no greenhouse emissions. Nevertheless, solar energy has significant disadvantages, with the most important being that it comes with a

high production cost. Also solar energy has geographical limitation and the obvious limitations of not being produced during night time.

Wind power: is also gaining popularity in the latest years. It is environmentally friendly and safe. Wind turbines are highly sustainable as they produce the energy costed for their production in less than 6 months from their installation. Wind power has the disadvantage of requiring large areas for its production and of course the production capability is limited by the wind conditions in each area.

Hydroelectric energy: is a reliable method of energy production and when water is available it does not face significant limitations. The production cost is high and the construction of dams, which are necessary for hydroelectric plants, cause significant damage to their local ecosystem and wildlife.

Biomass fuels: can come from either growing biomass crops or using already available biomass fuels such as waste. On the first case, large areas are required to produce enough fuels, which is not very efficient, as fields are better used for food production. On the second case, biomass fuels when burnt create greenhouse gases making it a not environmental friendly solution.

The main issues arising from the current available forms of energy productions are summarized here below:

- 1) High financial cost
- 2) Low energy output
- 3) Limitations in natural resources
- 4) Large land fields required for the production
- 5) Environmentally unsafe production methods
- 6) Usage is limited according to conditions
- 7) Safety risks



The role of Elxis in energy production

Following two (2) decades of research and experiments, Elxis' team has been able to exploit electromagnetic waves, color spectrum and infrared technology, producing energy via induction. Its product is based mainly on led technology, which can produce energy through an innovative method using different alternative energy resources than the ones we are used to. This energy production method is unique and patented by Elxis, having its patent officially registered and certified in the European Union. The innovative energy production method used makes Elxis' product unique.

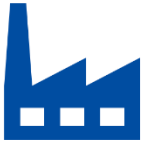
Elxis uses specific electronic components, created by the company itself, in order to trigger induction through the movement of electrons. The reaction to the electromagnetic spectrum generate the induction and therefore the coveted energy. This innovation can accelerate the progress of science and make it a useful tool in the service of people.

As the product is not limited to one energy resource, Elxis combats the constraints that other energy resources face.

First of all, Elxis can produce energy all day and night and is not limited by the absence of certain elements such as sun and wind. In addition it is not limited by the existence of natural resources such as fossil fuels, as the energy resources used are in abundance in our natural environment with no risk of running out. Elxis only uses environmentally friendly resources and does not produce greenhouse gases.

Another significant innovation brought by Elxis is the correlation between the required area and the product's power generation capacity. Specifically, Elxis' product has massive energy production capability by using only a small surface, while at the same time the product is able to generate energy 24/7. In comparison, solar panels not only require large areas to produce a significant amount of energy, but also are efficient only a few hours per day.

Finally, the cost of producing Elxis is cost-effective compared to other methods. A more detailed presentation of the product will be available in the extensive white paper.



Production stage

A prototype product has already been produced and is in operation. The benefits deriving for Elxis' product are so attractive to consumers, that the product creates a unique dynamic to the energy market. It can offer the boost that we are missing in order to change the way we think about renewal energy resources, making energy production from environmentally unfriendly resources a distant memory.

The production is moving forward, having completed the registration of the EU patent with the Malta Patent Office.

One of the primary goals of Elxis is to obtain CE approval and certification from TUV Hellas so that by 2020 mass production of the product can begin. Equally important is the objective of Elxis' expansion and growth so that it can work in the global marketplace. At the same time, the manufactured products will be backed by a 10-25 year maintenance and support guarantee, which demonstrates both the scientific and technical expertise of Elxis' technical staff and the company's commitment to assisting its customers' demands and needs.

In conclusion, Elxis' establishment will mark the transition to unlimited alternative energy, will induce the necessitous Greek market and help specialize in the field of renewable energy.



Research and identity of the invention

This invention is connected to a soft or hard panel that can be at any shape or form. It uses the electromagnetic waves to cause induction, collecting energy by the electromagnetic spectrum. The invention intends to cover all human needs (in all types of sciences and fields). It has both domestic and industrial applications, replacing all types of energy sources.

The aforementioned invention can cover energy needs in the field of medicine (use of light emitting diode, IR, UV, RGB, Full spectrum diode, Laser diode, X-ray, Gamma ray module, Radio or MW receiver) travelling and supporting infrastructures power needs. Another and greater purpose of this invention is to create a high voltage production, supporting the energy required not only in Earth but in space trips also.

This invention is going to change the concept of Green Energy from being a supplement resource to a principal resource, so that all societies can create their own ways to put it in use.

The exploitation of the electromagnetic waves achieves the production of an enormous amount of energy, through small and reflexable surfaces with no need of using any electrical components or devices, leading to the creation of even microscopic apparatus.

The panel, through the different led lights used on it, produces energy by the conversion of the movement of the electrons. This method allows to create even small energy collectors, assuring the autonomy for every apparatus.

Particularly, we use the electromagnetic waves to stimulate the electrons to produce ΔE or eV. This stimulation is carried out by the photonic absorption or non-elastic collision (impact) of the atoms or the atoms and particles etc., so the frequency of the waves is determining the eV, as well as the timing.

So Elxis proposes an energy model that uses the electromagnetic spectrum in all wave types to produce energy that is continuous and can be used in space or earth, assuring a non-stop energy supplying network for all human demands and needs. It can also assure the evolution in medicine using the human tissue and cells energy and the IR spectrum diffused by the live cells, the muscle energy by contracting tissue via movement. We intend to help the medicine

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field, through the integration of our product with medical devices and inventions, such as micro or nano robotic parts, etc.



Blockchain and Token



The Elxis ecosystem aims to link blockchain technology with its product. In particular, it focuses on the interconnection of the Elxis blockchain Token (LEX) and the already developed and future Elxis products and applications, creating an integral whole.

Initially, the Elxis Token (LEX) will be used as a public investment tool for purposes such as the marketing activity aim to promote current and future Elxis products. After the initial sale of the Elxis Token (LEX) on the Ethereum platform, the Elxis ecosystem will be created. The Elxis ecosystem will provide Ethereum developers the ability to create energy-focused applications to interact with Elxis hardware for home and business usage.

A significant innovation is the existence of integrated software within the Elxis products, which will allow them to be interconnected with the Elxis ecosystem, thereby enabling them to record any product problems, use of telematics technology and tracing. It will also offer the opportunity to add other electrical products to the Elxis ecosystem.

Following the interconnection of Elxis products by electrical equipment and machinery companies as an Electricity supplier, the Elxis ecosystem will enable these companies to use the Elxis blockchain for their products as well. In this way the Elxis ecosystem could be developed into an independent blockchain to be used as an EBoP (Elxis Blockchain of Products = such as I.O.T.: Internet Of Things).

Elxis Token (LEX) is an investment tool for the development of existing and future Elxis applications based on the Ethereum platform. Future plans involve the creation of a proprietary and self-contained blockchain.

Elxis token can also be used in the future as a cheaper payment option for Elxis hardware buyers, acquiring an additional discount for home buyers only.

Elxis aims to create specific and expert applications that will evaluate the proper operation and malfunctioning of materials, home and industrial applications, educational applications for research and innovation.

Elxis combines renewable energy with Blockchain technology. When the company was launched, concurrently with the production of the product, our Token (LEX) was created, based on blockchain technology. On one hand, the purpose of the token's creation was to give

the investors the opportunity to become part of Elxis by investing in it, on the other, to introduce and expand the company into the field of blockchain and cryptocurrencies. Elxis' goal is not to create another inflationary Token. Instead, the company's aim is to return to the initial investors the trust they showed when investing in it.

LEX is of the ERC20 type, based on the Ethereum platform. The total number of tokens in circulation is thirteen million (13,000,000). Of these, eight million (8,000,000) belong to the Board of Directors of the company, which will be locked in accessible wallets, committing to all investors that they will not be sold for at least thirty-six (36) months, demonstrating the commitment that is taken from the Board of Directors to the investors. In addition there will be a funding portfolio of two million LEX (2,000,000) covering the immediate needs of the project that may arise. Three million (3,000,000) LEX will be available for the pre-sale procedure. The pre-sale process will take place in three (3) stages. Each will take place on a respective twenty-day period, beginning in September 2019.

The pre-sale procedure will offer a discount for the purchase of the company's product as follows:

Amount of LEX bought	Discount for purchasing the product
10.000 – 50.000 LEX	5%
51.000 – 100.000 LEX	10%
101.000 – 250.000 LEX	20%
251.000 LEX and above	30%



Funds and Business Plan

The funds raised from the pre-sale process will be used by the company and utilized in the fields of research and innovation. In particular, the funds will be invested in new products, that already have received a patent from the European Union. In addition, they will fund the mass production of the above-mentioned products. At the same time, there is an intention of setting up a research center to carry out scientific research related to the company's products.



Team

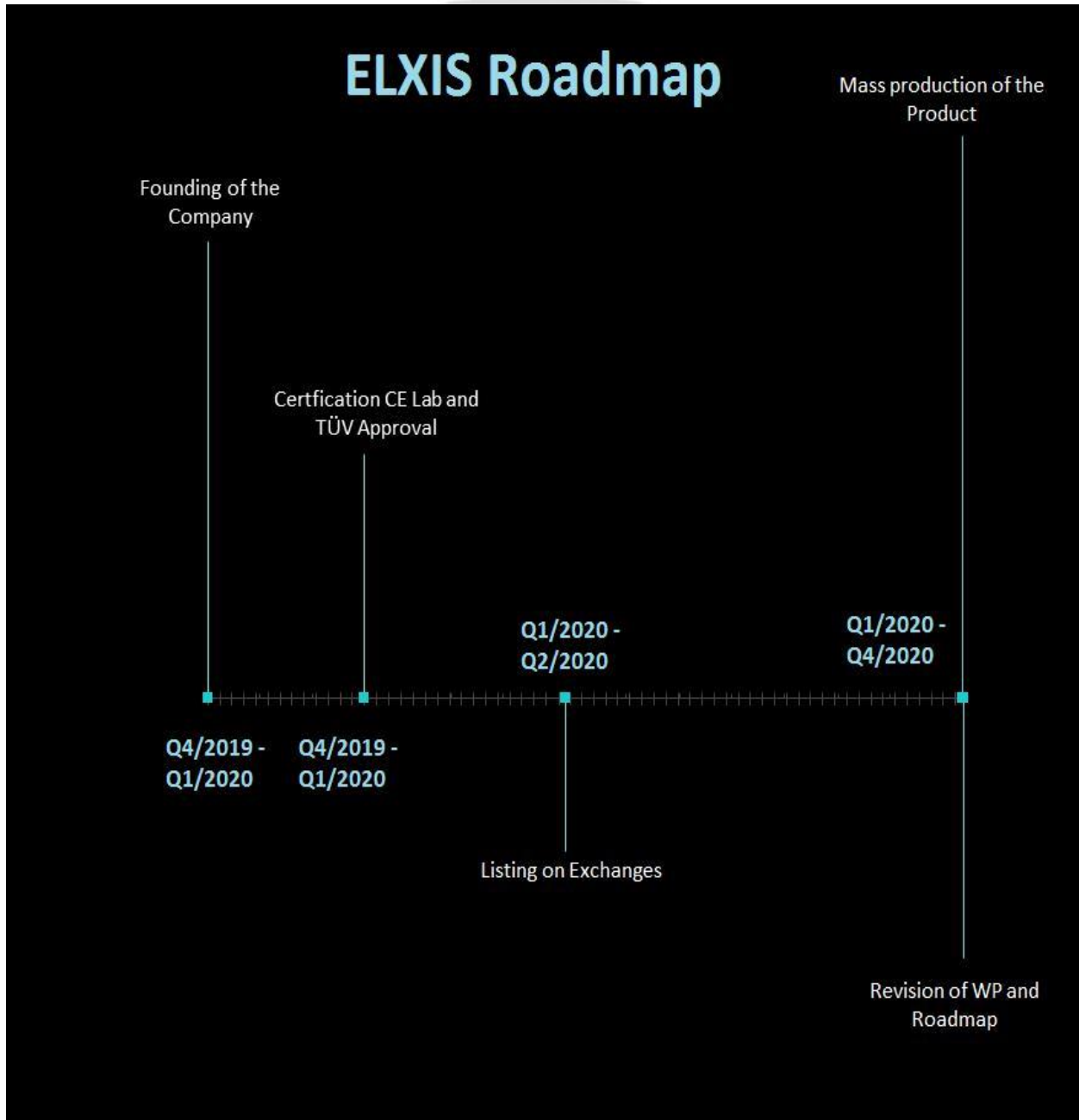
Elxis' team consists of individuals that have a long-standing presence into the technology and investments fields. The core team consists of scientists who specialize in renewable energy, medical and social sciences. People that are invested in renewable energy sources, and who through their two decade long research have proven committed to getting rid of outdated and highly polluting methods.

Yours sincerely,

Elxis Team.



Roadmap



Contact



Telegram: <https://t.me/Elxisenergy>

Discord: <https://discord.gg/b3frdWc>

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