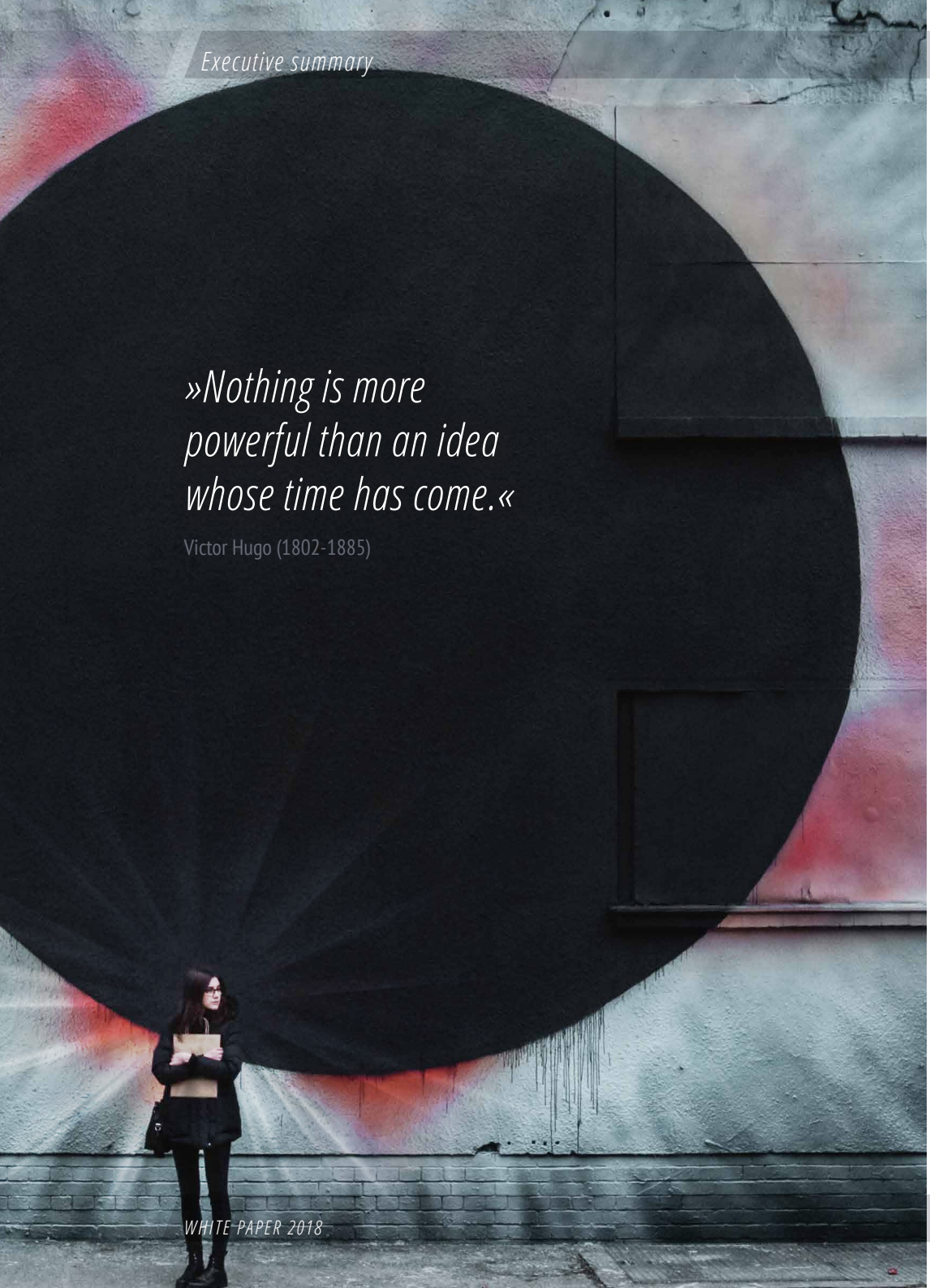

TOGETHER
GAIA
PROJECTS
»Together we achive, what is denied to the individual.«

The human race is running against time in a push for sustainable energy within the nearest future. With a global population that is growing and consuming more than it generates, technological breakthroughs are the only light in the tunnel to give any hope. While efforts are on to diversify energy sources beyond oil and gas, with renewable energy making considerable gains, the world definitely needs groundbreaking inventions to win this race. This paper, therefore, examines the value propositions of the Germany-based technology group, GAIA, as they make a bold move to offer a fix that rides on the wings of next-gen innovation.

GAIA Projects steps into the scene as a game-changer with a solution that empowers innovation and invention, liberating inventors from the shackles of funding and creating a global melting pot of green energy projects in a tokenized community where everyone gains and the world is preserved.

This paper captures the core aspects of this value proposition and offers a compelling narrative of the GAIA project and how it will disrupt the future. At the end of it, the reader gets to meet the board that dared to think the impossible, with an open invitation to become part of a glorious future lightened and powered by GAIA Projects.



»Nothing is more powerful than an idea whose time has come.«

Victor Hugo (1802-1885)

1. Executive summary

Over the course of the last century, the attention of national governments, international bodies, and the business world have been focused on the task of providing sustainable energy for a growing global population.

With current world population figures standing at a staggering 7.4 billion and expected to reach 8.5 billion by 2030, 9.7 billion in 2050 and 11.2 billion in 2100 (1), the challenge is enormous. But much more than meeting everyday personal and industrial electricity demands is the overwhelming consensus on the urgency of the need to do so in a more sustainable way through eco-friendly and greener alternatives. The big picture is to avoid destroying our world in the process of consuming its critical resources.

Consequently, the global push to tackle the above challenge has caused major shifts in the way the world sets out to meet its energy demands today. Presently, emphasis on renewable energy has seen rapid deployment and falling costs in clean energy technologies, a growing electrification of energy, and a shift to a more service-oriented economy. (2) Sadly, despite these efforts, there still exists a huge gap between growth in population and industrialization and the available energy resources to drive the sustainable model to meet the demands such growth creates. Clearly, it is a challenge that goes beyond the good intentions of world governments and institutions: it is a challenge for technology, innovation, and invention. And it is against this backdrop that GAIA Projects serves as a light in the tunnel.

GAIA Projects aims to provide a solution to the global energy problem by launching a platform which serves as a global pool of emerging technological inventions targeted at solving electricity generation and distribution. The platform serves as a standardizing point to prove the concepts behind such inventions, providing a failsafe framework that guides such ideas from thought to production through a GAIA-structured financing and marketing plan. Each project entering the pool is subjected to a rigorous vetting process by a team of season GAIA experts.

After going through the professional evaluations and security checks to ensure there is no fraudulent behavior or breach of ethical standards are involved in the design and functionality of the projects, the

selected ones then get presented to the GAIA token community to be tested and qualified for market entry. This market entry phase is preceded by a final test showcase of each project via streaming it live in a fully transparent glass room following which guided through certification and production commenced.

Essentially, the GAIA solution represents new ways of producing energy as modeled the platform's projects such as the GBI-Power unit, fully automatic HHO-Cell, and Mining Containers, all of which are the tested, verified and prepared by GAIA team of seasoned experts. These projects are designed to optimize current and produce completely cost-free energy after being unplugged. What is more, they are primed to produce ready to use energy that is independent of wind, sun or other renewable or fossil fuels, making them the smarter solutions for better energy management. The basic functionalities of these models are explained in detail in subsequent chapters of this paper.

Furthermore, GAIA goes beyond just offering a fix to the energy challenge to actually offering a unique vista of wealth creation for the global population through a tokenized community powered by GEP Tokens. Through this token, GAIA hopes to establish a meeting point for inventors with groundbreaking technologies and investors looking to invest in same, creating the synergy that delivers valuable revenue conversions for all parties involved.

Investors no longer have to face the rigor or fears of individually searching for and investing in inventors. Conversely, inventors finally get to see their ideas come alive! In addition, token holders get to participate in every project, receiving not only a significant discount on final products, but also being able to buy their first unit for manufactory price. They also get to enjoy the rare satisfaction that comes from knowing they actually play a role in producing clean electrical power and sustaining the environment.

2. GAIA projects

2.1 About the GAIA Brand

With it's origin in Vienna Austria and another department in Hamburg, Germany, GAIA Energy Projects is a limited company based on the "Blockchain-Island" Malta since mid 2018 and belongs to the GAIA group, which was founded in September 2011. The 6 founding members of GAIA had a mutual idea of creating a space for learning more about energy, health, education, the economy, and increasing public knowledge. "Altruism" plays a huge part in the way GAIA interacts, which is why members can choose their member fee freely. Offering workshops about building helpful devices on your own or improving your health. Our ideas caught fire and subsequently GAIA was able to attract more than 3,000 enthusiasts, visionaries, pioneers, sponsors and extraordinarily gifted people within a very short time.

Today the community consists of approximately 2,400 (and constantly increasing) paying members. Besides the private members, currently, more than 150 companies are registered as members within GAIA. All of them operate in the field of renewables, new technologies or are at least interested and involved in these developments. The core idea the company has put forward continues to attract interest and membership different from countries all over the world.

2.2 Ethos

Understanding the corporate ethos of the GAIA brand is the key to appreciating the value propositions of GAIA Projects. As an entity that runs on strong business culture and values, every aspect of the brand identity is conceived and designed to evoke a particular corporate principle that is symbolic of the vision of the company. A breakdown of each element of the GAIA acronym demonstrates this below:

G: group
A: autarkic energy, technical
I: innovation and
A: altruism

Being a limited company with shareholders and commercial goals, the board of is GAIA had to find a formula that balances the need for commercial activity to sustain the brand with living up the core value of altruism. While the opinion of customers and our members is the most critical element of the brand's corporate existence, with the goal being to reach the best possible outcome for them, the blend of commercial goals with altruism is equally vital. This, the brand hopes to achieve by combining the knowledge, experience and financial resources of many in line with the principle of "Achieving together, what stays denied to the individual" which the GAIA name represents.

2.3 Who We Serve

GAIA is positioned to serve a clear customer base: private users, people who want to use our products for one or two family homes they are living. This customer definition invariably covers everyone living in a flat, who wants to make sure the energy they are consuming comes from a clean, sustainable source – without harming the world GAIA are living in. That's why GAIA is offering only solutions in the range of approx... 5-10 kW electrical load. Specifically, GAIA Projects are not designed to serve any "industrial solutions." Anybody who has a

demand of 100 kW, or 1 MW, or even more – is not our customer.

For investors, the company is happy to establish direct contact with the Inventors Team, where you could place your request and discuss the proper availabilities. Also, for those who are seeking to invest more than 6-digit funds on projects and are interested in acquiring some exclusive territory rights, GAIA makes provisions for such and will - after short verification of your resources – to connect you directly with the inventor of the desired project.

NB.: Investors on projects on the platform have to wait until GAIA performs mandatory proof of concept and start manufacturing to activate returns – no shortcuts available.

2.4 History & Learning Curve

Besides the successful Projects that GAIA members and Partners develop for us – the project has also experienced hard lessons in the past. This is an inevitable part of healthy evolution. The biggest threat the project had to withstand was the promotion of a Kinetic Power Plant that should deliver 5 kW of free energy in 2015. After a presentation to the public – live in front of more than 700 persons – GAIA ordered this fantastic construction for our Members, supporters, and customers.

During our marketing efforts, different certifying bodies evaluate the technology – even a scientific expert from a German court was engaged to rate and assess the function, with a verdict that the machine definitely delivers electricity, but – due to poor transmission or understanding of technical information – he could not recognize where it comes from.

Encouraged by these fantastic expectations – GAIA simultaneously started the international marketing for this machine – going ahead to collect an enormous 39,269 orders – spread over 27 Distributors in various countries around the world.

Sadly, and much to the GAIA's disappointment, the owner of the technology owner decided - due to economic reasons – generally, not to produce this small 5 kW machines anymore. The argument was, that the earnings of one single 10 MW machine is equal to 2,000 of the small GAIA units that the service & support for all these GAIA micro customers would cause too much effort. It was a case of the interests of a few winning over the interests of thousands of families with private homes, who desperately wait and hope to improve their lives a little bit through such innovations.
GAIA learned a lot from that failed venture and consequently made a resolve to itself and teeming members/supporters never to allow such happen again. The company immediately started to reach out to hundreds of suppliers, with an entire team

Year	Countries under contract	Units under contract
2015	Sweden	743
2015	Norway	743
2015	Croatia	550
2015	Finland	743
2015	USA	20.880
2015	Italy	1.492
2015	Ghana	564
2015	CAR	550
2015	Lettland, Eastland, Littauen	555
2015	Germany	850
2015	Canada - West	550
2015	Poland	1.103
2016	Belgium	550
2015	Bosnia	550
2016	Azerbaijan	660
2016	Slovenia	270
2016	Turkey	881
2016	UK	713
2016	Myanmar	550
2016	HKG	550
2016	Nigeria	550
2016	Angola	823
2016	Mozambique	270
2016	Uganda	1.103
2016	South Africa	823
2016	Namibia	550
2016	Russia	1.103
Sum		39.269

dedicated to searching the internet and separating projects with a realistic approach from wishful visions and last but not least not serious offers. We visited dozens of inventors worldwide and checked the promoted promises.

Part of the learning curve in the past two years has seen GAIA learning some unbelievable things – about machines and functions that serially violated scientific laws and valid public knowledge – but deliver results. These inventions are far away from that what we understand as - state of the technology – available for the public. And that exactly is what this ICO all about. The most important step we can take to prevent the impacts of climate change is to find reliable, affordable sources of power that can be used by people around the world without emitting greenhouse gases.

GAIA's members are competent in many different fields. With outstanding specialist knowledge and a keen interest in new technologies they never fail to show their motivation when it comes to finding the best projects and supporting inventors to create outstanding products. It is GAIA's purpose to find and invest in ground-breaking inventions. These remarkable projects provide green alternatives to power our everyday lives and influence the lives of the global population.

»We cannot wait for governments to do it all. Globalization operates on Internet time. Governments tend to be slow-moving by nature because they have to build political support for every step.«

Kofi Annan

3. GAIA Projects Definitions

GAIA Projects fully agree with the above point of view – and the time to walk this path together has come. It is the vision of GAIA Projects that everyone on the planet should enjoy a good standard of living, including basic electricity, healthy food, comfortable buildings, and convenient transportation – without contributing to climate change. The fundamental idea driving the project is: to develop reliable and affordable energy technologies that can help solve climate change.

The Board of GAIA Projects seeks to work with members, token holders, partners, companies – small or huge – and of course with governments – but not waiting on them - to achieve a change in our energy management and find working solutions faster than any one of us could realize on their own.

3.1 Definition of GAIA Projects "Energy Projects"

GAIA is searching for new technologies, especially in the electrical energy sector. A GAIA-Project has to fulfill certain criterion:

I. Cost-free energy
Producing energy without additional costs for production and usage.

II. Renewable energy
Generating energy without destroying/consuming additional substances like oil or trees for example

III. Permanent energy
Energy, which is permanently available.

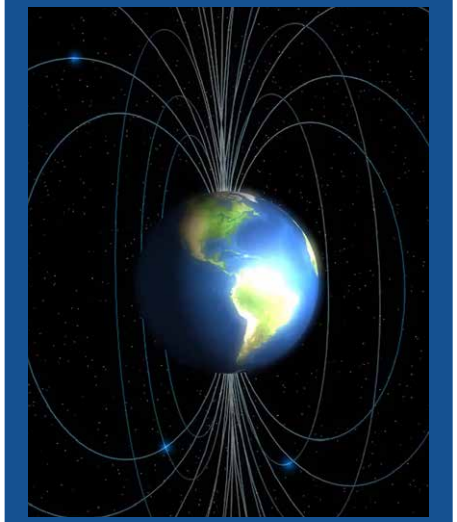
	Fossil Fuel	Hydro Power	Wind Energy	Solar Energy	Nuclear Energy	Plasma Energy	GAIA - Projects
Emission Free		√	√	√			√
Very Safe		√	√	√			√
Inexhaustable Supply		√	√	√	√	√	√
Unlimited Power					√	√	√
Low Operating Cost	√	√	√	√	√	√	√
Small Size	√	√			√	√	√
Possible Anywhere	√						√
Universally Applicable	√				√	√	√

3.2 GAIA Concept of "Free Energy"

This term might seem provocative in an era of oil wars, gas price manipulation, fossil fuel pollution, and economic collapse. Saying it is one of the most provocative terms one may find in the sector might not be far from the truth. The bottom line is: GAIA is aware its projects are operating in a highly controversial field. But what exactly is the concept of cost-free energy? We need to think outside the box of the law of thermodynamics. The logic in this can be explained thus: if we take a cup or glass of water out of the ocean, look into the cup – you could recognize that there are surely no wales inside. But it is questionable if this "evidence" could be used as a basis for drawing same conclusion about the entire ocean.

Although these devices incur production costs, they should make energy access inexpensive in order to dramatically raise the quality of life for everyone, especially for those in less developed areas of the world. In our experience, most so-called "New Energy" devices tap into the innate energy of (toroidal) magnetic fields or access the virtually unrecognized "longitudinal wave" at the center of an electro-magnetic vortex, rather than the more commonly known "transverse" wave coiling around it. Others mimic cosmic vortices with copper coils that create toroidal fields. Rotating these fields at certain octave frequencies seems to tap into the ambient energy of the space around the coils.

As far as we can tell, the entire universe is a sea of energy. We are able to measure radiation anywhere in nature, electrical energy in an easily recognizable amount is even in our bodies, our whole world is surrounded by a toroidal magnetic field – everybody could prove with a 50cent compass. Accessing this power seems to be possible when we can successfully adapt to these forces.



Therefore, GAIA will perform a public proof of concept to show the world, that this technology does truly exist and functional, like air, it's available anywhere and for anyone. Energy is endlessly available without burning or exploding anything just like utilizing wind, sun or water.

Harmonic resonance rather than combustion unlocks the power.

3.3 Project Criteria & Milestones

3.3.1 Project Standards

Over the past few years, GAIA has continuously improved its rating criteria and strived to further improve its knowledge base. After searching for projects for many years, we decided to go global in 2015. The company's staff traveled all over the world and evaluated more than 20 energy-related projects in 3 years. Only projects that pass our strict acceptance criteria will be eligible for contracts with GAIA Projects. To have a project tested, verified and prepared for market entry by GAIA Projects enables inventors to bring forth intriguing new products, devices, and processes. Most of the projects we accept are from single individuals, research and development centers (R&D centers) and small companies with huge ambitions, and for whom financial resources are often a huge problem. This means, that possibly ground-breaking devices might come to nothing, because of the simple lack of money. Both, the process of testing and market entry are incredibly expensive, but also inventors don't want to put their invention in the hands of others before they are paid for it. It is very rare for an investor to pay an inventor immediately therefore often a patty-situation is created.

This is where GAIA Projects comes in, combining the financial resources of multiple individuals in order to support and lead these new technologies to market. If we evaluate your project as meeting the GAIA Projects criteria, we will provide the Inventor with a VPN communication on a very high level and – if desired – offer a discussion platform to other inventors & experts, who could help in specific questions. Because this communication could take place only via our VPN System on our own Servers, everything is protocolled, and the owner of the IP is fully secured - nobody could use any of his knowledge without his strict permission to do so.

3.3.2 Criteria

1. To select the most promising projects out of all submitted ideas. Anyone can send us information about their projects including, but not only members of the GAIA association.
2. Our experts select the projects that are the most outstanding and promising. GAIA then communicates with the inventor/s to gain a more in-depth knowledge of the project and the people working on it.
3. When we are positive that the invention is something, we may want to pursue it by visiting the inventors for further discussion. By sending our experts we ensure that the project/invention is feasible.
4. After rigorous testing and when we are confident of the device, invention, or project's legitimacy – we will introduce it to our community and token holders.
5. Thereafter, we will perform a live test in a transparent test room. This final test will be streamed live 24/7 for all token holders during the designated testing period (see next page).
6. When a project passes all the above steps, all commercial contracts with the inventor are valid and operational. GAIA immediately starts to prepare a serial production to put the invention out into the world.

Step No.5 is the most important and must be completed before any significant investment may take place.

Our testing procedure includes the following steps:

I. The invention is transported to our test room. The test room is completely made from glass And is built upon glass blocks to (ensure there is no possible way for any cables to enter the room). The test room will be monitored and live streamed through multiple cameras in order to show the test from all possible angles. There are 2 monitors in the test room; one will show how much time has passed since the preparations started and since the beginning of the test. The second will show a TV channel that can be received internationally (e.g., CNN). During the procedure, the inventor may stay as close as possible to their device and remain present during all tests. GAIA will provide accommodation in the same building.

II. After transporting the device to the test room, the inventor will prepare it for testing.
As soon as the device arrives the live stream will be started and everyone who has purchased a token during our pre- or crowd sale will receive exclusive access to the live stream 24/7.

III. Our Chief certification officer will supervise the preparations and will install items that consume electricity (e.g., lamps, TVs, water heaters or motors). After finishing all necessary preparations for our testing procedure, the CCO will select a certification partner like SGS, TÜV, Norske Veritas - Germanischer Lloyd or another certification office (depending on the function of the invention).

IV. One of these well-known certification partners will then install calibrated measuring devices and connect them to the consumer.

V. A notary will verify that there is no cable connecting the devices to a battery or any cable, in general, going in or out of the room.

VI. The machine will be started. When the machine has started to work the electrically powered items will be switched on.

VII. When the notary leaves the room and locks it from outside the second stop-clock will start to run in order to show the duration of the procedure. During the testing period, no one may enter the room.

VIII. The device is required to produce an output for 7-14 days. The connected electrical items will prove the device is working.

IX. After finishing the 7-14 day test, the notary will check and verify that the room was not opened during the procedure. After validating the test, the notary will open the room again.

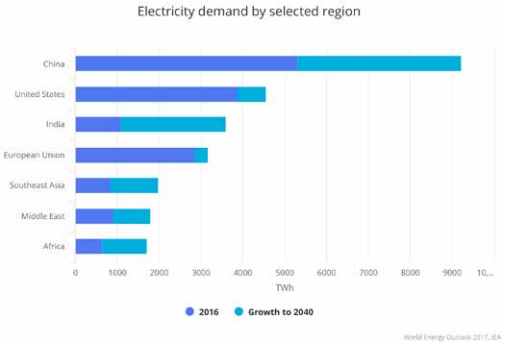
X. All test protocols will be copied and archived by the notary before the certification officer can evaluate and verify the protocols and the produced output.

XI. The certifier will issue a detailed report about the produced and consumed current covering the entire time span of the test.

4. Energy Industry

4.1 Current situation

When it comes to the energy we use to power our lives, electricity consumption and economic development are closely linked; growth will not happen without a direction change in the power sector.

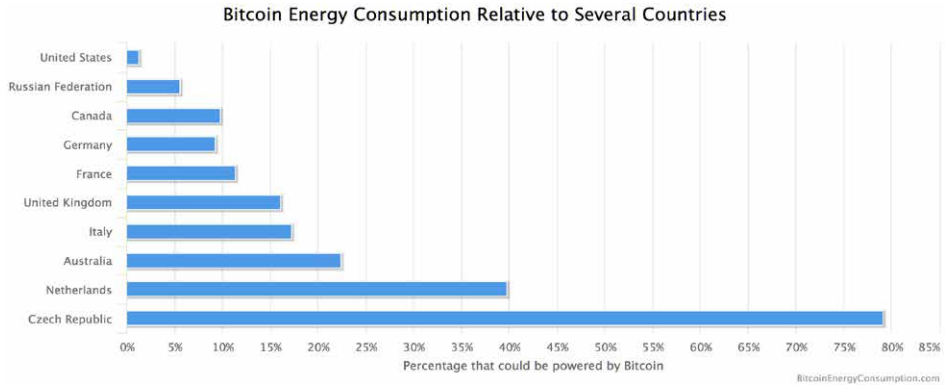


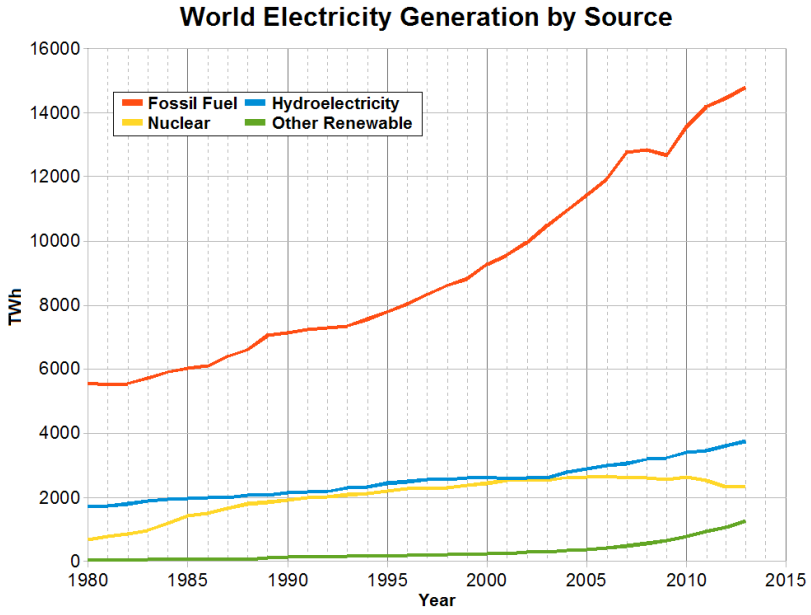
Due to globalization and the technological development of the past few decades, modern societies have an enormous demand for energy. As a result, fossil fuels have been used excessively to power nearly everything in our daily lives. While the manufacturing industry accounts for approximately 30% of global emissions, other industries share the burden of mass pollution. Even nascent technologies like cryptocurrency mining have already registered a significant impact on power consumption, using more electricity than some small countries of the world.

On a daily basis, everything from our private homes to schools or hospitals needs a high amount of energy to fulfill their function or our demand for convenience. Since only a very small percentage of electricity is produced via renewable energy (like solar- or wind energy), the consumption of fossil fuels is still needed to keep buildings warm and comfortable.

https://en.wikipedia.org/wiki/Electricity_generation

The implication of the foregoing is that we need to advance to a better energy management system. Unfortunately, these energy transformations can take decades. But we don't have much time left to change our way of using energy and turn to clean energy solutions. Climate change and air pollution are already harming hundreds of millions of people on a global scale, which means that the world must speed up the cycle of innovation. To this end, the GAIA Project is committed to building new technologies that change the way we live, eat, work, travel and produce goods in an effort to halt the devastating impacts of climate change.





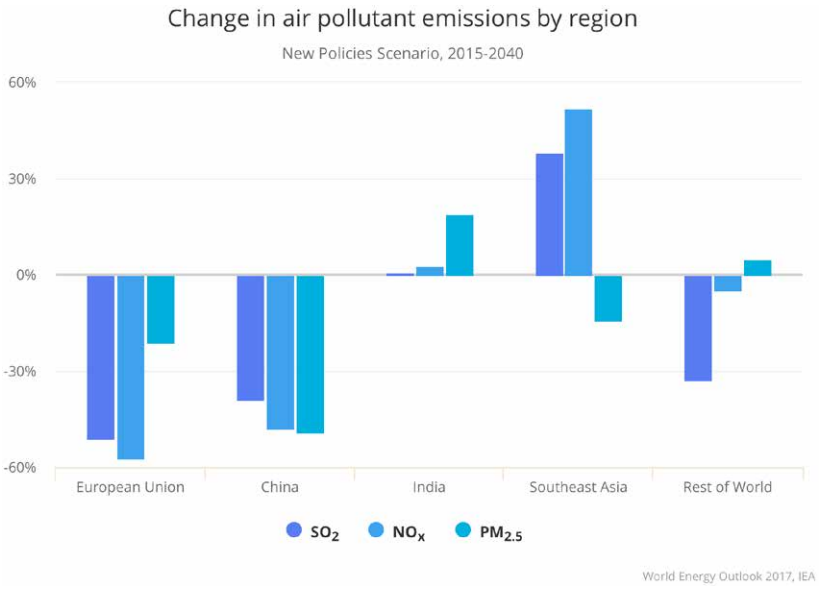
4.2 Energy Production

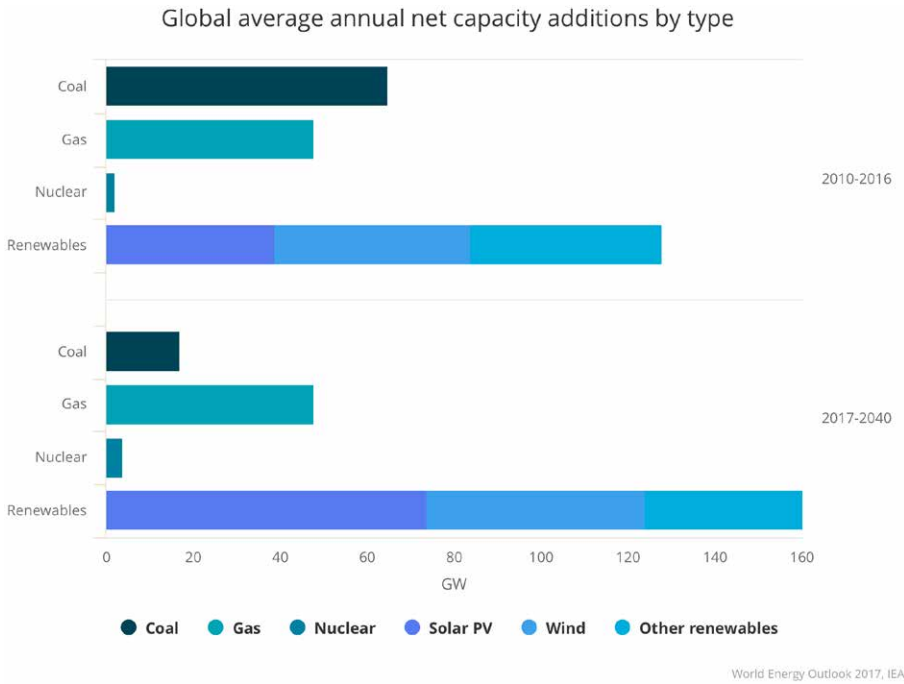
4.2.1 Fossil fuels

Coal, natural gas and oil are still the most used energy source. Fossil fuels come with more costs than just the amount we pay out of our own pocket. The production and usage of these fuels produce many circumstances that we need to avoid in the future. We are destroying land and endangering our health in the process due to harmful emissions and spillage of chemicals.

4.2.2 Green alternatives

At the moment, Wind power and solar energy have also started making valuable input the green energy equation. Although they have their limitations, the effort and contributions are a welcome development. But the race to achieve sustainable requires more than they can produce.






»If you want to live a happy life, tie it to a goal, not to people or things.«
Albert Einstein

5. Products

The first Project GAIA want to test, evaluate within our proof of concept and start production for:

5.1 GBI Power Unit (GAIA by Infinity SAV)

5.1.1 Performance

The GBI-Power Unit – utilizes magnetic forces and should produce energy 24/7 free of fuels or any emissions. As it's an option to install these units anywhere, it is possible to produce energy wherever it's needed in a "decentralized" manner and without demand from any 3rd parties. According to the inventor´s group, the GBI Power Unit is easy to maintain and very durable.

The drum of the Magnetic Generator consists of a rotor with neodymium rear-earth permanent magnets and a stator with copper-wired bifilar coils. Permanent magnets are uniformly situated along the circumference of the rotor with the same-name and opposite polar poles. Bifilar coils are situated along the circumference of the stator in the same way but with a precise angular alignment to the magnets and parallel-serial connection to each other.

A neodymium magnet is the strongest type of permanent magnet commercially available today. Crystal structure of the neodymium magnet is composed of microcrystalline grains that are aligned in a powerful magnetic field during manufacture so their magnetic axes all point in the same direction. The crystal lattice of the magnet resists to turning its direction of magnetization which makes this compound highly coercive to demagnetize.
A bifilar coil is an electromagnetic coil that contains two closely spaced parallel windings and a series connection counter coil. In order to properly increase the coil power, its turns are wound in such a way to provide the greatest potential difference between adjacent turns or spirals. The energy stored in the coil is proportional to the square of the potential difference between adjacent turns. Due to the special material of the coil's core (transformer steel), capacity for a set value of the potential difference between turns has been significantly enhanced.

The Magnetic Generator operates and is able to generate power due to the interaction of permanent magnets with bifilar coils and an emerging electromagnetic force between them. The magnets and coils are directed towards each other to create torque on the rotor. This composition of the drum of the generator is designed in order for the rotor to rotate indefinitely as long as the energy of interaction between permanent magnets and bifilar coils are collected and dispensed rationally and effectively.

Technical specifications GBI 5 kW

Total capacity	6550 W
Control system consumption	50 W
Motor consumption	Idle – 200 W, full load – 3 kW
Generated voltage	900 AC
Generated frequency	400 Hz
Generated current:	5.6A
Effective power output	5 kW
Effective frequency output	50/60Hz
Effective voltage output	110 V / 1 phase / 50 A
	220-230 V / 1 phase / 25 A
	220-230 V / 3 phase / 8 A
	380-440 V / 3 phase / 8 A
Motor rotation	1500 rpm
Dimensions	750x715x528
Weight	60 kg
Noise generation	60 dB
Operation temperature range	-40°C ~ 70°C

(ii) Soundproofing

If the device is used in residential or recreational areas where a certain level of noise must be met, the device can be covered with a special noise canceling material which reduces noise generation of the device down to 30dB.

(iii) RPM control sensor

The BLDC motor of the Magnetic Generator is designed to withstand various loads and maintain its RPM regardless of external conditions. It has a built-in RPM control sensor that is used to monitor rotation of the motor shaft and prevent it from deviating from the operational limits (± 5rpm from default). Maintaining RPM is crucial for the system to operate within necessary voltage generating limits as an even slight deviation from the set limits will result in failure and burnout of the PCB components. The drum of the generator is driven by the BLDC motor through pulse-width modulation of the software driver in accordance with a specified algorithm. In case of an error of the processing algorithm and deviation from the rotation limits, the RPM control sensor will automatically shut down the whole system as it is an autonomous apparatus and is independent of the algorithm. The generator's display will present the error and provide a solution for it.

(iv) Temperature Sensors

There are several temperature sensors installed inside the Magnetic Generator. Each sensor is used to measure ambient temperature around the generator's windings and coolant of the device. The generator emits heat insignificantly but truly, that is why it is equipped with a forced cooling system to deliver the generated heat from internal components to the radiator at the back of the device. Once one of the sensors detect the rise of temperature the cooling system will circulate coolant through the ductwork and run the radiator fan to dispose of it outside. In case if the temperature of any of the components keeps rising the correspondent sensor will shut down the device, and the generator's display will present an error.

(v) Bearing noise sensors

Annual maintenance of the generator is most of all depends on the lifecycle of its bearings and other moving components. Being the main source of frictional forces between the motor and its shaft it is crucial that bearings are always greased or replaced when needed. In order to perform maintenance at the right moment, bearing noise sensors are used to detect any significant noise or vibration level deviation from the recommended by the manufacturer limits. When the life of a bearing comes to an end or it needs additional grease the sensors will display a message of upcoming maintenance to the user. If noise generation exceeds the maximum limit, the sensors will shut down the device to prevent other moving components from damage.

(vi) Unauthorized access sensors

The Magnetic Generator is physically protected from unauthorized access by various methods, one of which is the detection of the external case opening. Each side of the generator is equipped with several motion detection sensors which serve to prevent people from opening the device. In case if one of the sensors detects the opening, it will automatically shut down the device and will not let it start until an authorized person activates it.

The unit can be easily transported to any location. No special installation is required.
For now, the generator will be offered for 5 kW power output. If a larger power unit is needed then 2 or more power units can be connected and synchronized to produce 10kW, 20kW or more. A 10kW battery could be added to store energy for a later date or peak consumption, when energy demand is higher than what the generator can produce at any one time.

The GBI Power Unit enables you to produce your own energy at home, without having to depend on any external factors or third parties.

Being the first one on our list, this unit will also be the first project to be tested and verified in our glass room.

While we prepare the GBI for market launch, the inventors group is already developing the "MARK II" version. In this version, not only electricity is produced, but also heat, due to the centrifugal forces. A small oil turbine and heat exchanger cools the GBI down and emits heat, which can be used to support or run heating systems.

5.1.2 Theoretical Background

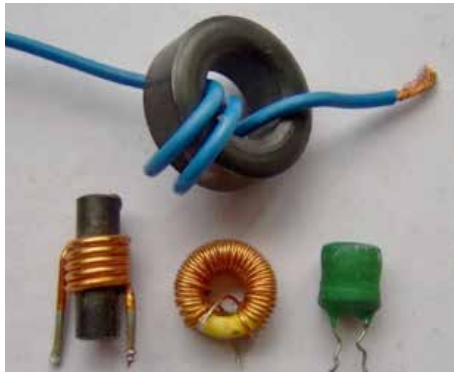
The GBI Power Unit – was developed by an international team of young and ambitious engineers/ inventors with more than 10 years of experience in engineering. Their Portfolio includes more than 20 inventions with 10 patents. In 2017/8 the GAIA by Infinity GmbH & Co. KG purchased distribution rights from this group and received the technical drawings to reproduce a white labeled "GAIA Projects" version of this fantastic machine.
But isn't a perpetual motion machine impossible? The answer is that no machine runs forever, because it is made of matter and all matter wears down. The key is that it is the source of power that is virtually endless, like permanent magnets for example. You might question if this can truly work because the 2nd law of thermodynamics would be violated. Although the law of conservation of energy states that the total energy of an isolated system remains constant, it is said to be conserved over time. [1] This law means that energy can neither be created nor destroyed; rather, it can only be transformed from one form to another.

(1) Richard Feynman (1970). The Feynman Lectures on Physics Vol I. Addison Weasley.

The question that needs to be asked is; does this rule even apply to our device? The law refers specifically to closed systems, but magnetism is far too complex to be definite on the fact that it is a closed system (humanity does not know everything!) there are powers in the universe that are yet to be discovered. It is a fact, that after certain substances and elements are induced with a strong magnetic field, they can be turned into a permanent magnet in which the magnetic field will not weaken for an extended period. A power as complex as magnetism is hard to grasp; there are multiple perspectives on how a permanent magnet can maintain its magnetic field and whether it needs or does not need energy. Imagine it like this, you wake up late, rush to work and don't have time to eat anything at all, after a while you can't concentrate anymore. This is because we need to ingest energy in the form of food. In order to fully function you need to breathe, drink water and eat – a human is not a closed system. In this way a magnet functions similarly to a human – of course a magnet is not a living being, but it is also not an isolated system. We believe that magnetic forces are not limited to a closed system. In our opinion, the magnetic forces in permanent magnets are considered in coherence to the magnetic fields of the earth. They are open to the rest of the universe, as are galaxies, solar systems and the atoms that provide the electricity in our very own bodies.

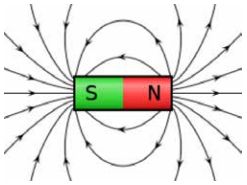
If the magnetic field, the torus, is not a closed or isolated system then our approach towards them needs to change. Instead of talking about closed systems, we need to talk about open systems. For these systems the following rule applies:
"If a system can exchange energy with another system, e.g., by radiation or heat conduction then it is an "open" energy system."
If the whole universe is surrounded by an invisible, but measurable energy torus, just like magnets, we need to use this magnetic force in a turning electricity production machine (of course, the permanent magnets alone don't complete the device).
As it is the permanent magnets are embedded in the rotor with a stator, including electromagnetic coils, constructed around it.

(An electromagnetic coil is an electrical conductor such as a wire in the shape of a coil, spiral or helix. Electromagnetic coils have been used for decades in electrical engineering, in applications where electric currents interact with magnetic fields, in devices



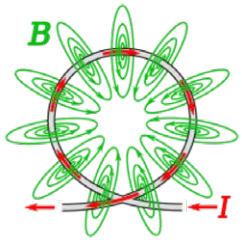
such as electric Motors, inductors, generators, electromagnets, transformers, and sensors. If an electric current is passed through the wire of the coil, it generates a magnetic field, according to the applied polarity.)

These electromagnetic coils can be used to shift the way of attraction and repulsion, by changing the direction of current and thus exchanging negative and positive poles.



The complication of a magnetic field is described in the "Lorentz force," that state that the power of magnetic attraction is 100% equal to the repulsion force.

In conclusion, the key to making it work is; to interrupt the magnetic field at the optimum moment then use the repelling and attracting forces for an infinite rotation. It's all about the right timing, in order to use all the involved forces to their fullest, the timing has to be perfect. The control unit of our GBI can trigger coils rapidly enough to use magnetic forces in a revolutionary way.



But could this polarity be switched? YES – we have found some analogical applications:
We found the Rolls-Royce "permanent magnet technology." The "AZ-PM thruster" is the latest in a range of Rolls-Royce propulsion products using a permanent magnet technology to turn a propeller.

(https://www.youtube.com/watch?v=AZeWPlVoLko)

A second example of a very fast (more than 15000 times per second) control has been built by SKF – the bearing company. SKF builds magnetic bearings which turn on a levitating axis with about 20000 RPM. The bearings spin without being touched, only by controlled magnetic force.

(http://www.skf.com/group/products/magnetic-systems/index.html)

(i) Key Factors Driving This Possibility:

- MAGNETIC FUTURE

Everything seems impossible until it is done. Same goes for the principle behind the GBI Power Unit

which seemingly violates the Law of Conservation. But considering that the world is made up of Closed Systems and Open Systems, the physical world we can see, touch and feel would be a Closed System that is correctly described by the Law of Conservation of Energy. On the other hand, the infinitely small world of Quantum Mechanics is an Open System. The Quantum Spin of electrons in an Open System (magnetism) cannot be explained using the Law of Conservation of Energy.
Now, if we agree that the world is made up of Closed Systems and Opens Systems, and then we should be open to the possibility magnets could be a way to funnel energy from the quantum world to the physical world. Past attempts to create a magnetic motor have failed because they used apposing magnets with like polarities, for example, North repelling north. This creates a side effect called cogging, which causes the magnetic fields to catch on each other and to stops the rotation. These experiments failed.

But we discovered that if we use a magnet and apposing coils of copper wire, no cogging effect was created. When a magnet approaches a coil of copper wire it induces a like polarity in the coil; North induces North, North and North repels. This is called the Lorentz Force, and there is no cogging – problem solved.

"The problem is not the fundamental laws of physics. The problem has always been engineering."

(A.Slobodian / Head of Inventors group)

Magnets last a 100 years, and don't wear down like batteries – they don't store energy; they're a quantum mechanical force. We believe magnetism can be harnessed to create an endless supply of clean energy, just as we have already demonstrated with our working prototype. Our generator driven by magnets does work and does produce energy. It will be up to physicists to explain why our generator works. Great inventions don't appear out of nowhere. They are a series of incremental steps.

- AFFORDABLE POWER

GAIA - GBI-Power Unit is a generator that uses magnets to create motion and produce electricity. The logic is that when a permanent magnet approaches a coil of copper wire, it creates a like polarity in the coil, North creates North and North repels North. In our generator, we have placed a rotor containing permanent magnets inside a stator containing copper wire coils. The repelling force just described causes the rotor to spin. Once the speed of the rotor reaches 1500 rpm, the rotation becomes self-sustaining – a source of endless energy. Generating electricity using permanent magnets doesn't produce heat or exhaust, which means that our generator doesn't require ventilation, heat shielding, etc. It's cheaper and cleaner than natural gas. And it's more reliable than solar or wind.
Our heat-pump-sized generator will go virtually anywhere, and no transmission infrastructure is required like traditional energy sources. GAIA plans to use the well-established sales and installation network of the heat pump, furnace, and air conditioners distributors and electrical contractors to sell, install and service the GBI generator. As soon as the first generation of units has proven their daily reliability, we will offer different lease or financial models, making it possible to pay for a GBI without a down-payment, paying for the GBI like for any other utility bill.
Providing electricity at the astonishingly low cost of $0.02/kWh, our generator will allow us to live in a cleaner, all-electric world.
In addition to the obvious benefits to our environment, such a significant reduction in energy costs will also allow us all to grow more wealth. Having cheap, clean energy will especially have a profound effect on the poorest among us.

- MAGNETS SCIENCE

Clearly, the idea of an endless supply of clean energy, of electricity generated through magnetism sounds too good to be true. And that is understandable. But we have to have to accept that there is something ground-breaking about our GBI-Power Unit generator because of magnets last 100 years and don't wear down like batteries – they don't store energy; they're a quantum mechanical force. The problem is not the fundamental laws of physics – The problem has been engineering.

Consequently, the inventors has invested a 6-digit amount in $ over the last four years to develop the technology that powers the GBI-Power Unit generator. They used modern computer engineering and massive amounts of computing power and our working prototype to design the next generation prototype that will be able to power a house.
Already too, the board has already been issued 10 electrical/mechanical patents and on seven computer patents for other inventions. As part of the initial work, they filed patents to protect the primary design. The mandate of using the endless energy of permanent magnets with the Lorentz Force to create rotary motion and generate electricity keeps the team going. Soon, this generator will power the world.

5.2 Mining Container

As part of its mandate to offer free, green energy solutions, this GAIA project also provides a unique service to miners who are concerned about eco-friendly practices in mining in operations. These self-sufficient, portable mining containers that can be used in any place and at any time. The required energy is produced independently on demand and can then be utilized to power the mining units.
The container itself is already built and available for purchase. The price varies – due to special country regulations for the installed components – from 200-250$ per mining slot. Current delivery time in 2018 will be approximately 6 weeks after an order is

confirmed. The setup & production of the Container will take place immediately after our ICO – but the self-sufficient "autonomous mining container" will be available not be before mid/end 2019 – after the GBI manufacturing started.

The Mining Container is customized and ready-to-use cryptocurrency mining equipment for ASIC miners - all you need to do is connect it to a power source and fill it up with your ASICs.

Why Container Mining?

The container is the smart choice for miners today based on the following reasons:

- Better mobility due to lightweight construction
- Easy shipping, wherever your energy comes from
- Sufficient space optimally used space
- Good volume of air inside the container
- Exhaust grille with insect protection and weather protection slats
- Direct connection via a single supply line without plug possible
- Standard safe electrical installation, according to German DIN and VDE standards

And later on – after the commercial availability of our GBI Power unit:

- No purchase costs and no wear for electric energy.

Technical specifications Mining Container

Specification	
Optional: h	Video surveillance system;
	Access control system
	Network cabling solution (router, LAN cables, and distribution)
	Network switches (Cisco manageable switches (5x 48 port)
Supported ASIC miners:	Bitmain Antminer S9, S9i, L3+, Z9 mini, X3, T9+, A3
	Canaan Avalon 841
	Halong Mining Dragonmint T1 and others
Max. Amount of Asics:	240
Power Consumption	396 kW
Total Hash rate:	3,47 PH/s (e.g. Antminer S9)
Estimated daily return	0,1286 BTC (November 2018)
NOTE: The estimated return of Bitcoin mining is frequently changing in accordance with variables like the BTC/USD exchange rate, the Bitcoin network difficulty, or the expected difficulty increase.	
Price empty container (with your miner)	125$ / Asic Slot - $33.000
Price for full equipped Container (Antminer S9)	625 $ / Asic Slot - $ 150.000 (November 2018)

5.3 HHO-Electrolyser

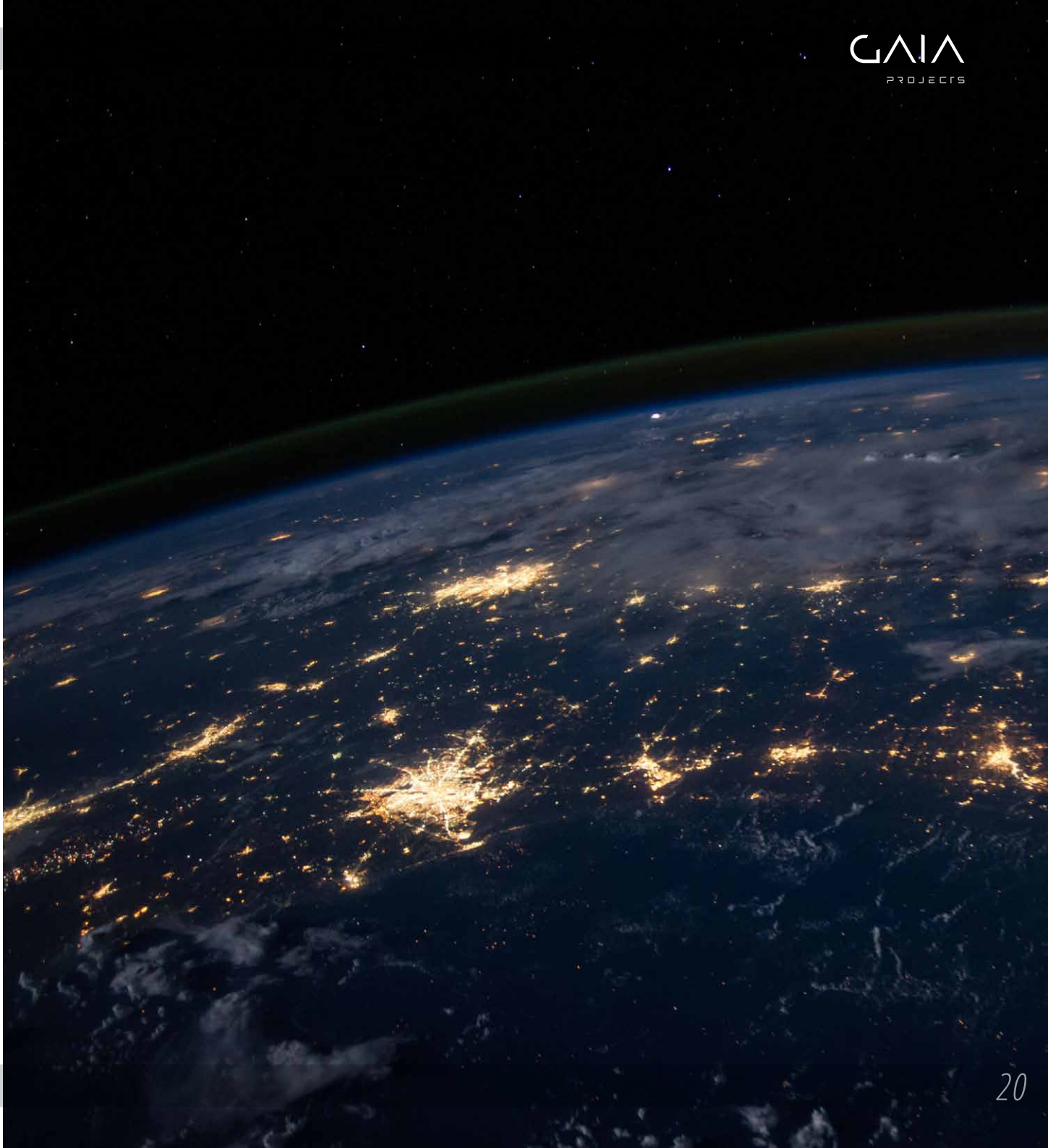
GAIA has constructed the first - fully automatic - HHO-Cell in 2012. After inspecting and testing many hydrogen projects around the globe, GAIA is proud to announce that this is the best unit we have witnessed. The device needs only a tiny amount of energy to create a water-oxygen mixture using electrolyze. Our goal is to push this emission-free system to a heating device, until it can safely heat regular family homes! The COP (Coefficient of Performance) will be around 6:1, according to our recent calculations. This COP is about 50% higher compared to current most efficient geothermal heating systems.

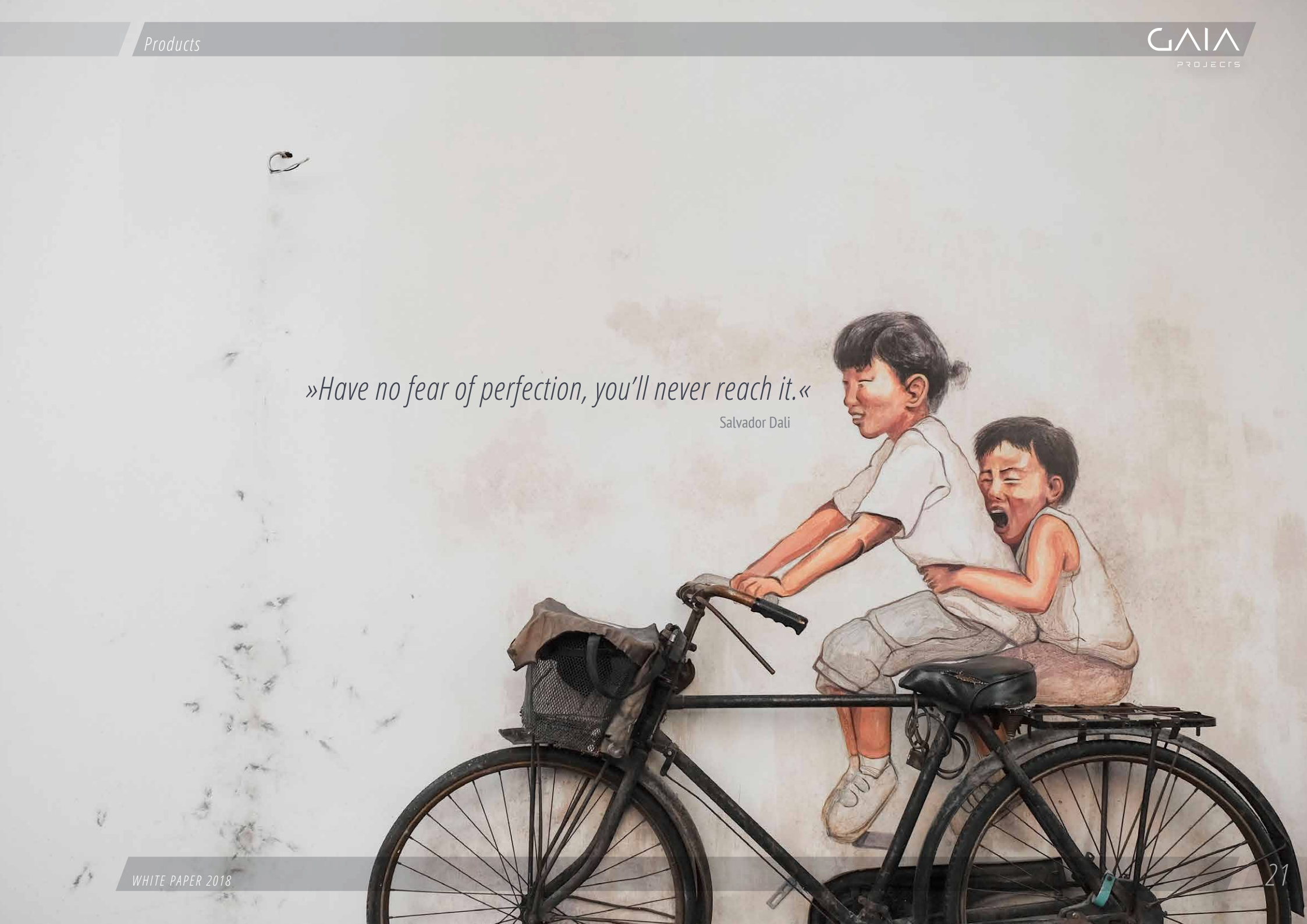
In order to commercialize this heating system to the free market, we intend to finish the industrial heat exchanger device first. From which we plan to use some of the proceeds of our token sale to drive this project to the successful conclusion of: "Heat with water."

Specifications

The GAIA MK II Electrolyser consist of:

- 2 serial round cells with 57 Titan-plates each,
- Dimensions 680 x 850 x 420 mm (W x H x D)
- Weight approx... 70 kg, each
- pressure resistant up to 3 BAR,
- fully controlled with the highest industrial SPS standard,
- fully automated pressure & leakage test, before the start
- pressure monitoring at the gas outlet
- fully automated monitoring and refilling of electrolyte reservoirs
- supervision of temperature in the cell-cores (every core has 2 separate electrolyte reservoirs)
- Automated recognition of backlash
- automated emergency shut down for every abnormal operation mode
- Stageless regulation of gas production, from 0 - to ca. 27 l/min (or 0 - 54 l/min Maritime Version)
- The industrial control unit, incl. 7" Touchscreen and USB Interface for software upgrades or www connection.
- Automated analog power supply with toroidal transformer, 0 - 230 V DC and 0 – 18 A
- Optional "expert control mode" for: 1 Power-stable, 2 Current-stable or 3 Pressure-stable operational modes



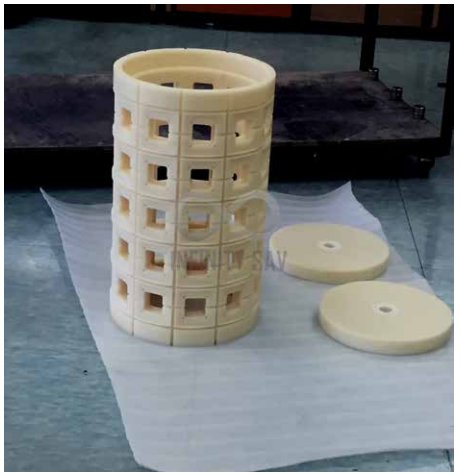


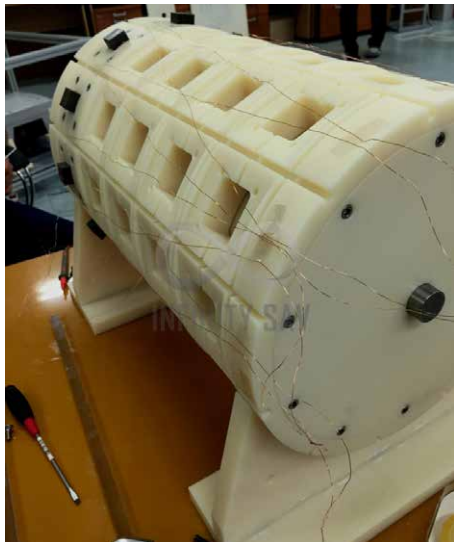
»Have no fear of perfection, you'll never reach it.«

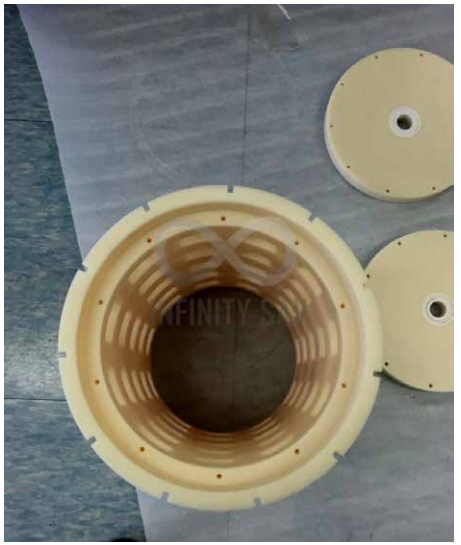
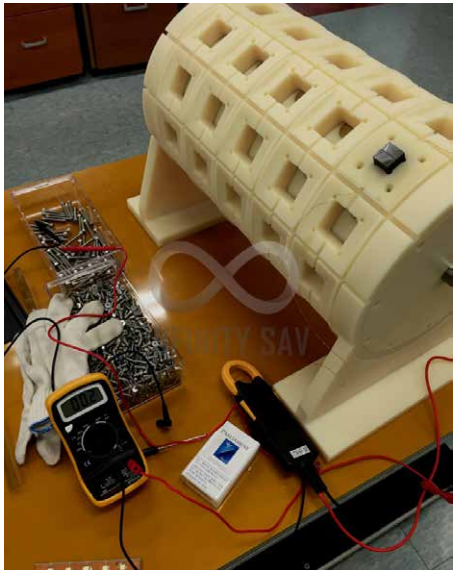
Salvador Dali

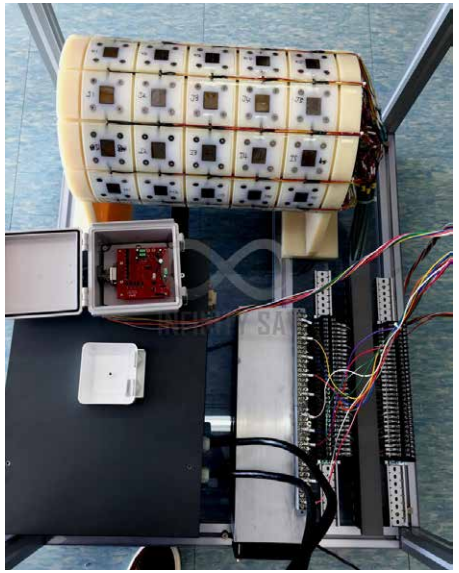
6. GBI History & Prototypes

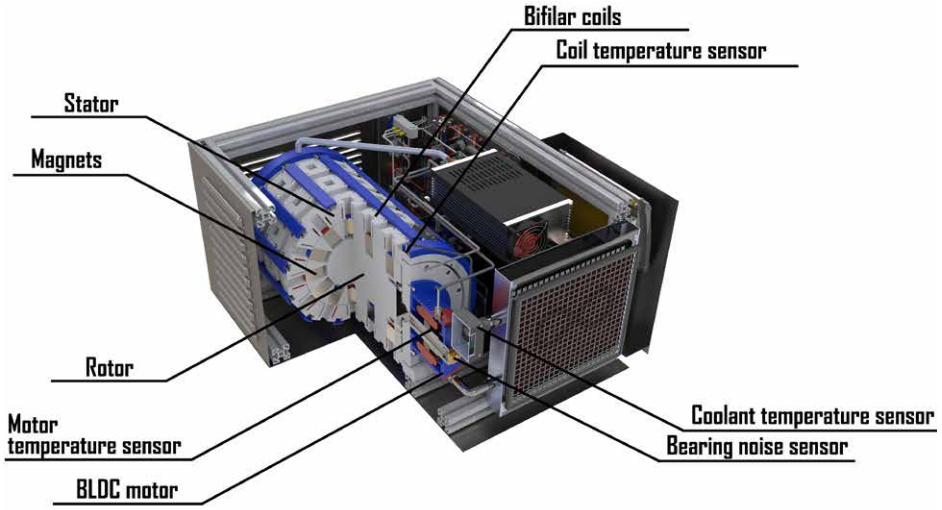
The following represent the evolutionary journey of the GBI project prototypes. As the end, you will agree that the most important thing in invention is the courage to keep working at things. In the end, problems are solved for millions of people.



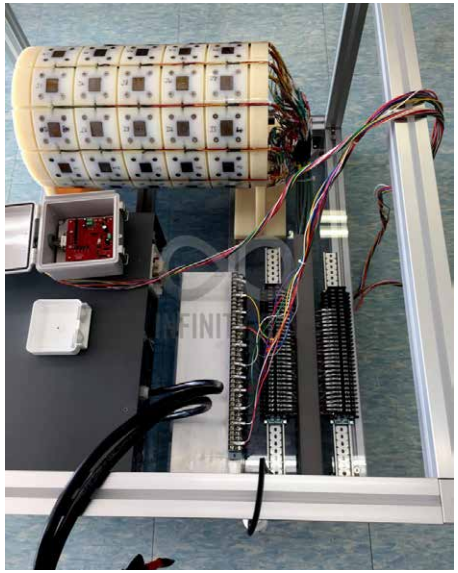



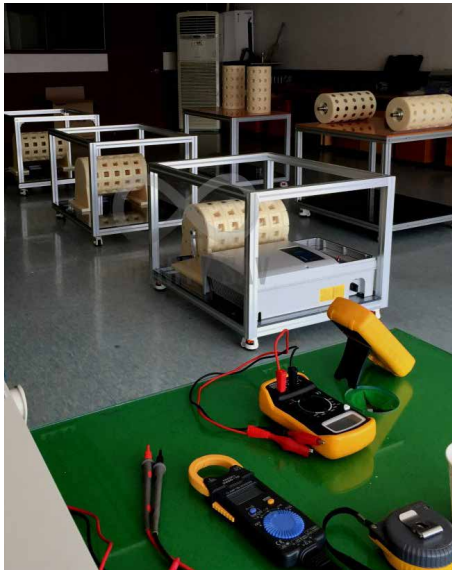







Bifilar coils
Coil temperature sensor
Stator
Magnets
Rotor
Motor
temperature sensor
BLDC motor
Coolant temperature sensor
Bearing noise sensor


KACO
POWADOR





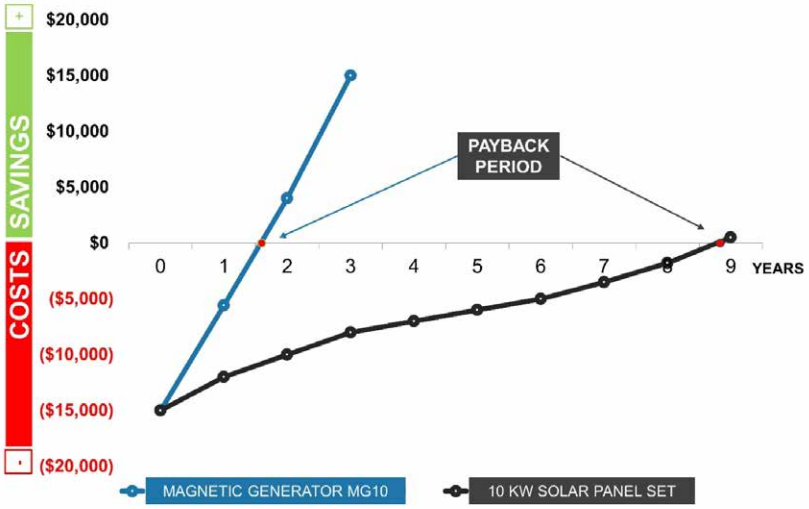
7. Comparisons between GBI and Solar Power Panels

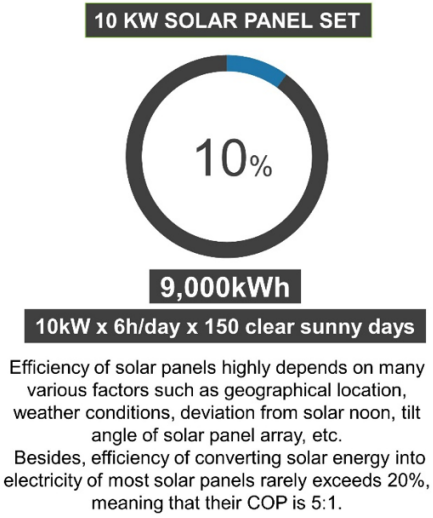
What is the profitability of this device compared to other technologies? For the purpose of brevity, we will compare the GBI-Power Unit against an already existing energy source, namely Solar Power Panels. The Key areas of comparison are:

7.1 Payback Period (measured per 10,000 kWh/year (the average US, EU household consumption)

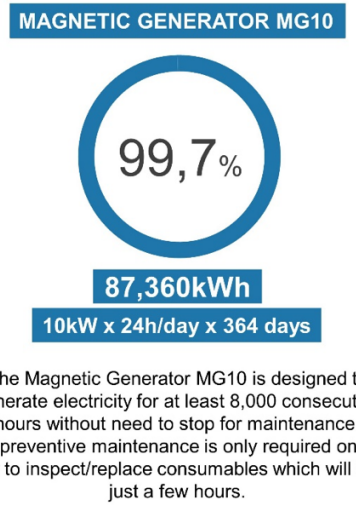
GBI-Power Unit

Electricity price: 1 kW = $0.2 (EU average)
Total consumption: 10,000 kW
Annual savings: 10,000 x 0.2 = $2,000
Selling remaining electricity back to the grid: 77,360 x 0.1 = $7,736
(1 kW = $0,1 (EU average NEM tariff)
Payback: 15,000 / (2,000 + 7,736) = 1,5 years
Solar Panel
Electricity price: 1 kW = $0.2 (EU average)
Total consumption: 9,000 kW
Annual savings: 9,000 x 0.2 = $1,800
Selling remaining electricity back to the grid: $0
Payback: 15,000/1,800 = 8, 3 years





Efficiency of solar panels highly depends on many various factors such as geographical location, weather conditions, deviation from solar noon, tilt angle of solar panel array, etc.
Besides, efficiency of converting solar energy into electricity of most solar panels rarely exceeds 20%, meaning that their COP is 5:1.



The Magnetic Generator MG10 is designed to generate electricity for at least 8,000 consecutive hours without need to stop for maintenance.
The preventive maintenance is only required once a year to inspect/replace consumables which will take just a few hours.

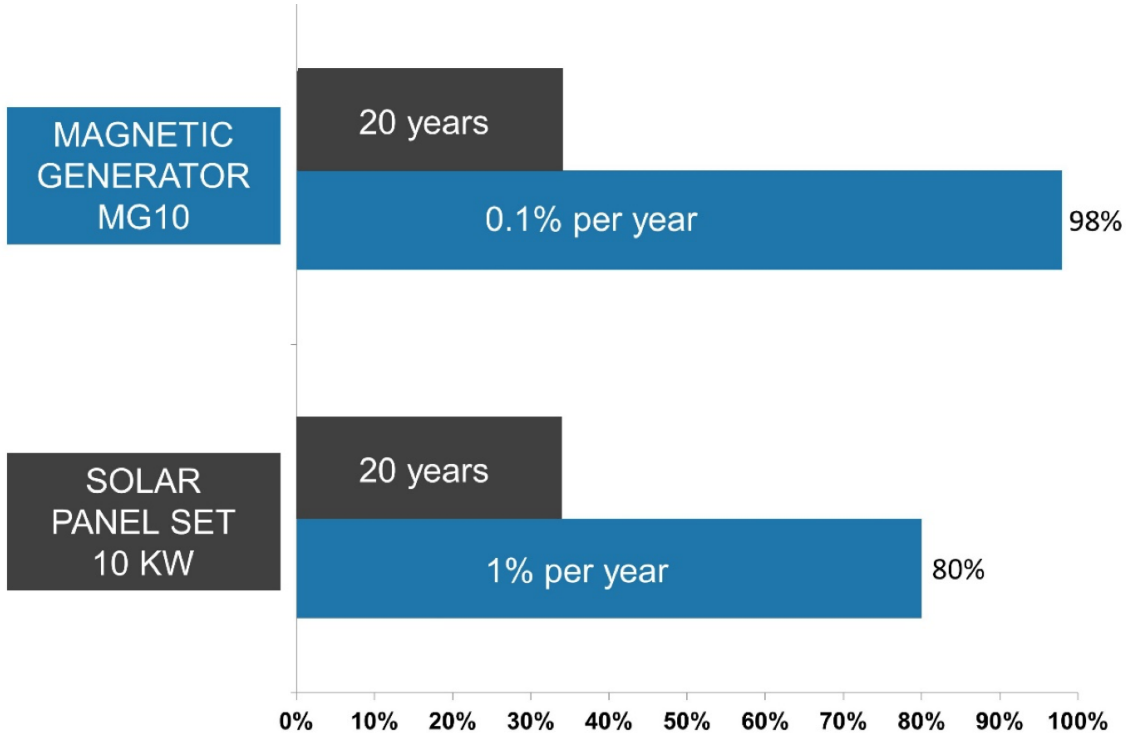
7.2 Efficiency Rate (kWh/year)

GBI-Power Unit: The GBI-Power Unit delivers a 24/7 all year round efficiency level with a 20 years lifespan that is completely independent of environmental factors and maintenance factors.
Solar Panel: Solar Panel system on the other hand only generates 44 units per day, and all of it depends on environmental factors such as geographic location and positioning the solar panel panels. By extension also its power generation fluctuates with the season - more power in summer than in winter and mostly doesn't work night. Additionally, the panels will never run at 100% efficiency as a loss of power from many cells, not just the one that is covered.

7.3 Lifespan

GBI-Power Unit: In the absence of external influences, neodymium magnets remain magnetic for hundreds of years. Demagnetization of generator's magnets is extremely small if the device is used properly with a rate of 1% every 10 years. If maintenance is performed regularly and duly, the generator may serve indefinitely longer than its 20-year lifespan.

Solar Panel: Photovoltaic (PV) modules of solar panels manufactured today offer a much longer lifespan of 20 years of use. However, degradation of crystalline silicon modules located in extreme climates (heavy wind, snow load, high levels of UV exposure) exhibits high rates of approximately 1% per year which leads to 20% of efficiency loss at the end of solar panel lifespan.



»The whole secret of a successful life is to find out what is one's destiny to do, and then do it.«

Henry Ford (1863-1947)

8. Selling Price

The Inventors estimate the Hardware price for every unit to be anywhere around 8.000 USD / Unit. But to meet the customer requirements, the price should be calculated in a commercial way, e.g., like this:

8.000,00 $	Hardware costs
400,00 $	Certificates for electrical installations to local markets
600,00 $	Transport, incl. Insurance to local distributors
4.000,00 $	Margin for a local distributor. Every distributor needs to employ at least 5 Persons (SME´s) 1 salesperson who visit customers at least twice prior installation, to check conditions of a possible installation place. 1-2 persons on the phone for customer service (24h availability) 2 person on the delivery truck for installations at customers place + costs of office, cars, insurance, spare parts, tax & some monthly profit costs sum up to approx.. 35-40k
3.000 $	Accruals for spare parts & maintenance This money will be put aside, at least for the first 5 years – before we have enough experience about the possible child illnesses of this new technology. (Every service call from a customer – even if it's a small part for some cents – will cause costs of at least 500$)
2.000 $	Margin for GAIA Projects for the financing of the manufacturing plant.
18.000,00 $	Selling price to final customer (in FIAT) **

NB: Every GEP Token holder will have a different price – check page (See 10.2- Use of Token)

8.1 Investment Assumption & Cash flow for First Year

The details for the allocation of funds, including the required liquidity at the right moment, are shown in this calculation:

Investment Assumptions

		Overview	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
			Investmentplan Phase 1 -						Phase 2 - Productionenhancement					
1	**Acquisition of Rights**	**1.000.000 €**												
	owner´s group		500.000 €											
	incl. Container & Process development		50.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €		
2	**Acquisition of production property**	**5.260.000 €**												
	property purchase costs			200.000 €		200.000 €		500.000 €		1.000.000 €	1.000.000 €	1.000.000 €	1.000.000 €	
	Travel & local legal costs		20.000 €	20.000 €	20.000 €	20.000 €	20.000 €	20.000 €	40.000 €	50.000 €	50.000 €	50.000 €	50.000 €	
3	**Marketing**	**895.000 €**												
	Certifikation of process units		20.000 €	10.000 €	40.000 €	350.000 €								
	Customer contact & first precontracts					25.000 €	25.000 €	25.000 €	25.000 €	25.000 €	25.000 €	25.000 €	25.000 €	25.000 €
	new Patent & IP registration					50.000 €		50.000 €		50.000 €		50.000 €		50.000 €
4	**Production Facility Equipment**	**5.280.000 €**												
	Premises acquiring & setup		350.000 €	350.000 €	300.000 €									
	Handlingequipment			50.000 €	50.000 €	50.000 €	50.000 €			50.000 €	50.000 €	50.000 €	50.000 €	
	Metalworks		100.000 €	150.000 €		150.000 €			100.000 €	150.000 €		150.000 €		
	Special H² tools			250.000 €						250.000 €				
	Deliveryvehicles				40.000 €		40.000 €				40.000 €		40.000 €	
	Forklifts		12.500 €		12.500 €				12.500 €		12.500 €			
	Cranes		15.000 €	15.000 €	10.000 €				15.000 €	15.000 €	10.000 €			
	Furniture & Office Equipment		50.000 €		50.000 €				50.000 €		50.000 €			
	Materialequipment - first 100 units		400.000 €		250.000 €		95.000 €		400.000 €		250.000 €		95.000 €	
	unexpected		100.000 €		100.000 €		100.000 €		100.000 €		100.000 €		100.000 €	
	Legal & Consulting	**700.000 €**												
			25.000 €	25.000 €	50.000 €	50.000 €	200.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €	50.000 €
	Staffing	**2.000.000 €**												
	Project Management & Administration		50.000 €	50.000 €	100.000 €	200.000 €	200.000 €	200.000 €	200.000 €	200.000 €	200.000 €	200.000 €	200.000 €	200.000 €
	Investmentforecast	**15.135.000 €**	1.692.500 €	1.170.000 €	1.072.500 €	1.145.000 €	780.000 €	895.000 €	1.042.500 €	1.890.000 €	1.887.500 €	1.625.000 €	1.610.000 €	325.000 €
	liquidity needs monthly		-1.692.500 €	-1.170.000 €	-1.072.500 €	-1.145.000 €	-780.000 €	-895.000 €	-1.042.500 €	-1.890.000 €	-1.887.500 €	-1.625.000 €	-1.610.000 €	-325.000 €
	Capitalaquisition costs		-200.000 €											
	required injection of funds	**17.000.000 €**	**3.500.000 €**		**3.000.000 €**		**2.000.000 €**		**3.000.000 €**		**4.000.000 €**		**1.500.000 €**	
	cash inflow out of sales		**0 €**											
	accumulated Liquidity		**1.607.500 €**	**437.500 €**	**2.365.000 €**	**1.220.000 €**	**2.440.000 €**	**1.545.000 €**	**3.502.500 €**	**1.612.500 €**	**3.725.000 €**	**2.100.000 €**	**1.990.000 €**	**1.665.000 €**

9. Phased Products

9.1 Phase 2: CO_2-Engine

9.1.1 Performance

A CO_2 engine is based on the usage of thermal heat. The heat utilizes an expanding fluid to drive cylinder-pistons whenever a temperature change occurs. This means that heat is used as the primary energy source.

How It Works

CO_2 is a technical gas with a special physical abnormality: Low heat and pressure are enough for it to expand significantly. This physical trait is well known although it has not been specifically researched. This invention uses the expansion and turns it into movement. With industrially manufactured heat storage and by constantly using waste heat the possibility driving distance of a prototype car can be increased to 40 km (in 2015 with one charge). We have prototype plans to make it possible to recharge heat quickly at a "heat station" or use the waste heat from mining containers for the heat-recharge process.

The basic functionality of the CO_2 is that it is a closed system – the storage is filled once and does not need to be replaced or refilled ever again.

NB: Most of the cost of this project comes from the serial production of the required parts and for the confirmation of the patent and property rights (the rights for which were initiated by the inventor in Austria some years ago).

9.2 Phase 2 Projects – Hydrogen

This device produces Hydrogen without any kind of primary energy. Producing Hydrogen of 95% concentration for below $0.30/kg is amazing progress, as the average price today is typical $8.00 – 15.00/kg, depending on purity and utilization. The prototypes have already successfully proven its operation. The core process is a pure chemical reaction of cheap, easy available and non-toxic components. The right combination of the ingredients results in a clean and affordable energy source of Hydrogen.

NB: The cost of this project concentrates on building an automated manufacturing line in order to produce hydrogen on a regular basis and to utilize it for energy production through fuel cells available on the open market.

9.3 Combination

Our projects can be easily combined with one another. The following scenarios are all possible:

- Firstly, if you were to install a GBI Power Unit in your home and produce electrical power you could also power an emission free HHO-Heating unit along with all the devices in the household.
- Secondly, if in the future you decided to power a mining container instead of powering your private home with our GBI Power Unit, you could use the energy for cryptocurrencies mining.
- Thirdly, also the waste heat from the mining computers could be used for refueling the heat storage for your CO_2 car. This scenario enables you to power your car and drive hundreds of kilometers for free.
- Fourthly, producing Hydrogen without any primary fuel and without emissions enables one to produce energy on a big scale, in a similar manner to a fuel cell. Additionally, Hydrogen can be used for heat generation, therefore, it is possible to recharge CO_2 engines or heat big applications, greenhouses or whatever you wish to.
- This application would be the first "industrial addressed" technology. if viewed on a larger scale, greater energy consumers such as factories and large industries would also be able to use our devices for these purposes as we intend to advance our technology for industrial use in the future. Of course, for the sake of the environment, it's not only about changing the way energy is used privately but also how large industries manage their energy use. This phase two – Hydrogen project – is perfect for large-scale usage.

We are of the firm opinion that this is only the beginning of what we can achieve with our technological possibilities. Offering all these (and possibly more) options of combining our products will, we believe, revolutionize the way humanity produces and uses energy.

10. Token

10.1 Token data

The GEP token will be launched as an ERC20 token operating via smart contracts running on the Ethereum platform. Instructions on how contributors may participate in the token sale will be available nearer to the distribution date. Details will be shared on our official website (https://gaia-projects.org/) and all our social media handles.

Symbol	GEP
Token Supply	10bn
Token Type	ERC20
Hardcap	40mln USD
Softcap	1.35 mln USD

The hardcap is set at 40 million USD, and we will accept contributions in selected cryptocurrencies and fiat. The sale will be active until either the time limit or the hardcap is reached. The minimum contribution is set to 50 USD. The GEP is a utility token, which can be used to purchase any product or service available during the lifetime of the company.

After performing our proof of concept test and the successfull launch of our manufacturing facilities, we might expand the usage of our token to those, similar to the juristical definitions of a security token and/or virtual financial asset in order to meet the demans of potential industrial manufacturing partners.

Prior to this change in utilization, we will receive the approval of the official financial authorities. The utilization change will not be performed until the start of the manufacturing of the final serial models. We cannot give any specific information about the exact date of this change and/or potential listings in advance.

10.2 Token value

The GEP-Token was designed as a utility token and is not supposed to be used as speculative asset. The main advantage for investors is the possibility to use GEP to buy our alternative, green energy devices passing our severe testing and the public proof of functionality test. Those particular devices can only be bought via the GEP, in case someone wants to buy a device in fiat, he/she needs to contact their local or national distributor.

Lack of intrinsic value has been one of the strongest points antagonists of the crypto revolution have used to attack many crypto projects. The reasoning has always been that these Tokens are mere speculative assets because they are not backed by any real solution that can cause appreciation in their value over time. Unlike these Tokens however, the GEP is a clear utility Token because it can be used to buy real products with real value in an uncharted marketplace, thus one can come to the conclusion, that the GEP is backed by those products. As a result it is likely, that the price of the GEP increases, when the demand for our devices increases as well. However we have no influence on this matter and do not give any guarantee whether this will happen or not. GAIA-Projects does not speculate about the GEP-Token value, it's worth solely depends on the devices' success and the demand of our customers.

One of the key value propositions of GAIA Projects on the investment side of the community is the Early Bird Advantage which gives early investors the opportunity to receive a high discount on their GEP, enabling them to start distributing GAIA-projects's devices later on.

10.3 Use of Token

10.3.1 Phase 1

As GEP will be a utility token, we have put a lot of thought in the possible ways of using them. The options available include, but are not exclusive to:

I. Token holders receive a forever – lifetime - discount of at least 20% for all of our distributed products when paying with GAIA token. This makes the GEP a very good opportunity to save your money now, in order to buy a GBI Power Unit in the future. - You will be able to distribute our products and start a business of your own using the forever discount of 20%. This means that our token is not only backed by the demand for free, green energy but also by GAIA Projects products which will be distributed on a global scale.

II. This discount – for all of our products - will be available only & exclusively via our Token. Only our distributors can offer the device for fiat currencies.

III. Furthermore, anybody who is living in a flat & does not have the possibility to install an own machine could buy the electricity only with our token which could be organized through our distributors. If they install, e.g. 100 machines in containers, they could feed the electricity into the grid and sell clean CO2 neutral green energy) the customer receives the electricity against the GEP that they bought during the ICO…. The effective price we have to calculate is only the grid-transport costs that we have to purchase from the energy grid companies. That will also have a positive impact on the future GEP price because we create a permanent demand for the token in the future.

An example is of how this works is shown below, that is, assuming a selling price to a final customer of: 18.000,00 $ -20 % Discount is paid by GEP (incl. full scope of delivery, see 8 - Selling Price)

We offer a limited alternative for every ICO participant

In case you want your GBI as soon as possible, we give you the opportunity to purchase the "Prototype-Zero"-series model of our GBI Power Unit, only for your personal use under the following caveat:

- Island application - without grid connection
- Without a full-enhanced 24/7 support from your local distributor.

As GEP - Token holder, you could register as "BETA Tester" and will have the following advantages: – price calculation will be transparent –

- The machine could be purchased against "cost price" only, without any commercial margins
- Every token holder will pay only the Hardware, the needed Certificates for his locality and the transport itself.
- For example, this Price for GEP ICO participants would result in 9.000 USD – that is a discount of -50% according to final customer calculation.

(This option is only available for the first 1.000 Units – and is accompanied with a down payment of 50% - after the successfully performed proof of concept) …

NB: Applications to be whitelisted as Beta Tester will be accepted from the day the proof of concept starts.

To clarify the specific advantages:

In case you apply for being one of the whitelisted Beta-Customers, which are able to receive one of the first 1000 units, the GBI will cost you 9,000$ worth of GEP (900,000 Token)

Discounts during our ICO result in the following pricing:

Until 31st Dec 2018	= 7,826 $
782,600 GEP + 15 %Bonus	= 900,000 GEP
Until 20th January2019	= 8,257 $
825,700 GEP + 9% Bonus	= 900,000 GEP
Until 10th February2019	= 8,491 $
849,100 GEP + 6% Bonus	= 900,000 GEP
Until 31st March 2019	= 9,000 $
900,000 GEP + no bonus	= 900,000 GEP

In case you are not a whitelisted Beta-Customer, you can buy the GBI later on via GEP from GAIA or with fiat from your local or national distributor. The GBI will then cost you approximately 18,000$ worth of GEP (1,800,000 Token).

Discounts during our ICO result in the following pricing:

Until 31st Dec 2018	= 15,652 $
1,565,200 GEP + 15 %Bonus	= 1,800,000 GEP
Until 20th January 2019	= 16,514 $
* 0,01 for GEP + 9% Bonus	= 1,800,000 GEP
Until 10th February2019	= 16,981 $
= 0,01 for GEP + 6% Bonus	= 1,800,000 GEP
Until 31st March 2019	= 18,000 $
= 0,01 for GEP + no bonus	= 1,800,000 GEP

10.3.2 Phase 2

After making considerable progress in phase 1 and starting the serial production of our GBI Power Unit, it will be our top priority to develop a Blockchain interface for the GBI Power Unit. This interface will be an optional feature for further enhancement of the GBI Power Unit. With the help of this interface, the unit will receive an IOT identity and constant performance data will be saved on a Blockchain protocol.

Via this protocol, you can access the information about how much energy you have fed into the grid and how many kW you have purchased. You can either; sell an amount of energy that is surplus to your requirements or buys more energy if you do not produce enough for your needs. At night you may not need all of the produced energy, and other

power grid participants are in need of more power. You will be able to freely exchange and trade energy on the "GAIA Projects Energy Exchange" (fiat is not necessary). This is another towards step optimizing energy usage by adapting it perfectly to the world's demand.

A protocol may look like this:

Current date:	01.May 2019
Timeframe of protocol:	09:45:00 – 10:45:00 UTC
Produced amount:	5,84 kWh
Own consumption:	4,41 kWh
Supplied to grid:	1,43 kWh
Account credited:	+x GAIA Token
Demand to wallet	#47 41 49 41 20 50 72 6f 6a 65 63 74 73 0d 0a

Checksum protocol: 01000111 01000001 01001001 01000001 00100000 01010000 01110010 01101111 01101010 01100101 01100011 01110100 01110011 00001101 00001010

Of course, we could not send electricity from Norway to South Africa or from North America to Australia. But there are already numerous "Block-chain-Energy-Trading" providers around the whole globe, who are offering their services.. We will connect to these trading platforms on every continent – and negotiate & sign contracts for a clear exchange rate between your GEP and other Currencies.

10.4 Token distribution

After the sale, a fixed number of Tokens (10bn) will be created (it is not possible to mine GEP Tokens). Most of the bonus Tokens will be locked for a specific amount of time. We are aiming for the interval between releases to be around 18 months during this period. 5% will be released the first month, and in every consecutive month, 5% will be available up to the 16th month. 10% will be made available in the 17th and 18th months.

- 40% of our Tokens will be distributed to contributors who participated in the pre-sale and main sale.

- 25% of GEP Tokens will be reserved and locked for a minimum of 18 months. These Tokens will be treated as the foundation of sustainability in the future development of GAIA Projects. They will be distributed to current employees, future employees and will be used for all kinds of other expenses the company handles. This reserve will only be used for this purpose and will be partially available through releasing 5% in the first months and 10% in the two last months.

- 24% of our Tokens will be allocated to the core/founding team and management and will be released partially. The investing plan states that 10% will be released in the first and second month then 5% every consecutive month. This will ensure that team members stay motivated after the distribution period as the Tokens won't be tradable immediately.

- 5% of Tokens are allocated to the Members of the GAIA Association / Vienna

- 6% of Tokens will be distributed to advisors and will be locked into a smart contract with the same 5% for 16 months and 10% for 2 months plan.

45% will be used to develop our phase 1 projects as we prepare them for market entry and start production.

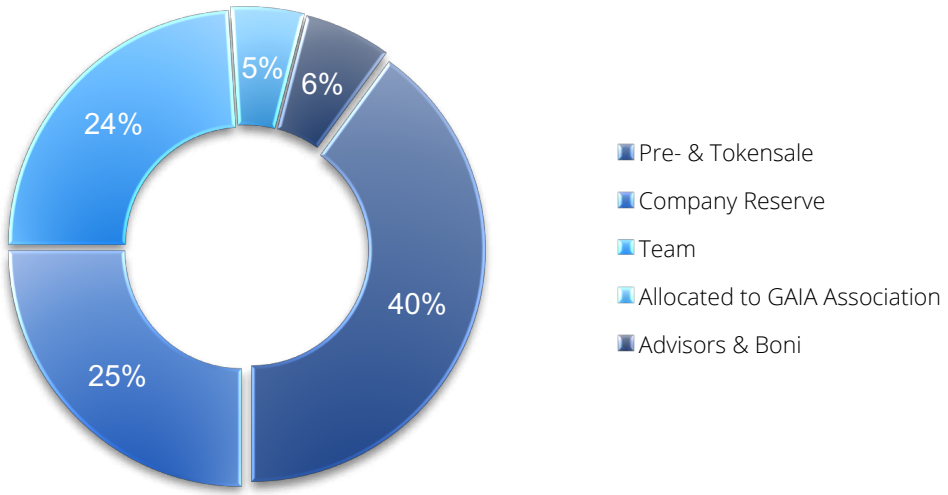
15% is allocated to the research and development of old and new projects. As we find new and promising projects, we will work to improve them.

15% is needed for operations. This covers traveling, transporting, testing and similar expenses.

15% will be used to widely advertise our products on as many media types as possible. We understand flawless marketing is a very important step to take.

10% are reserved for legal and administrative costs.

GEP - Token Distribution



Our estimated costs involve:

Costs for performing this ICO 0,60 Million USD
Marketing & Administrative costs. Smart Contract programming, licensing & exchange registration costs

Phase 1 - Projects

Test-room, incl. Gauged measurement equipment 0.45 Million USD
(Building the glass test room, Tools & Equipment)

GBI – Power Unit 0,3-5 Million USD
(Industrial Development, serial production start-up, marketing & final tests. The price spread is justified by the capacity of the facility in produced machines per month

Acquisition of Rights from the inventor's group 1.0 Million USD
For the development of our own "white labeled" Version, of a working
the prototype for the final "industrial-manufacturing" status.
(Distributed over 10 months – see also spreadsheet on page 36)

Mining Container 0.60 Million USD
Starting the production and development of self-sufficient containers

HHO – Heater 0.90 Million USD
Developing a heat exchanger and preparations of the device for mass-production (incl. authorization and certificates of safe use etc.).

The softcap of 1,35 million USD refers mainly to our main priority of constructing the test–room on our own secured property. Simultaneously Heiko starts to build the mining-container, while Christoph will start to construct & develop the HHO-heat exchanger.

All additional funds, exceeding the softcap, will be contributed to build and enhance production facilities to manufacture the GBI. The first production facility will be opened in Europe. After producing and delivering the first 1000 units to our "Beta-Testers", the production will be enlarged to Asia & North America. We will distribute our products to Africa from our Europe-based facilities, for the time being.

Phase 2

IoT - Blockchain – Interface 0.15 Million USD
(Development & Production)

Hydrogen Production 15 Million USD
(Official testing, production, and marketing)

CO2 – Engine 1.5 Million USD
(Verification, further development, production, and marketing campaign)

11. Roadmap

The future of GAIA-projects – Follow us on our way to a better world !

Q3 2011

Establishment of GAIA association / Austria
6 founding members

Q4 2014

Establishment of GAIA-Energy / Germany
Commercial Departement of GAIA

2015 – 2016

Developing criteria for project search. Starting to search, test and verify projects. Project count: 3
Public test with +700 people watching. Promotion of kinetic power plant

2016

Kinetic Powerplant project cancelled
"Search for new projects"

– Q1 2018

+35 cooperating partners, +20 projects tested, 5 energy projects passed our examination, 18 employees about 3300 members

Q1 2018

Projectcount: +20, Start of project: GAIA Mining Container, Finishing first prototype of container

Q2 2018

New whitepaper,
Tokensale preparation,
Controlling project progress

Q3 2018

Establishment of GAIA-Energy-Projects,
Tokensale preparation,
Smart contract development

Q4 2018

Presale, GBI progress control, Preparation for further tests, Crowdsale

Q1 2019

On-going token sale,
Inspection of a new device in Russia
Inspection of Container-production,
Receiving more distribution-rights for GBI,
Building the test-room

Q2 2019

Finishing test-room,
Transport and test preparations GBI
Public test of GBI,
Verification of GBI by certified body, (SGS/ German. Lloyd/TÜV),
Prototype test HHO-cell

»A friend is someone who gives you total freedom to be yourself.«

Jim Morrison (1943-1971)

12. Team

CEO
Dipl. Oec. Robert J Reich

Robert was born in Croatia but was raised and educated in Germany. He began his career as an organization consultant for IBM Germany, completed AG directly after finishing his studies in economics. He transferred fields from consulting to the project management of high technology applications and built two complete facilities in Germany that produced e-beam accelerators for the modification and enhancement of material structures. After receiving permission from the government, he served as radiation protection supervisor and was able to handle radioactive material. His work resulted in international admission, as well as a mark of recognition from the German governmental KfW bank in 2005. Robert´s knowledge and experience led him to the United Nations UNDP program as a consultant for huge infrastructure projects for the Government of the Central African Republic. After searching for innovative energy sources for the past few decades, Robert joined the GAIA association in 2012 and took over the position of CEO of the GAIA Energy GmbH in Germany in 2014.

COO – GBI - Power Unit
Roberto Reuter

Roberto was born 1975 in the former GDR. His life changed instantly, after Germany's reunion in 1989. In 1990 he left home to finish his education an external school. While working as a management assistant for KOBRA-Formen, a global leader in making concrete molds, he led a satellite division there. Later he decided to move to Austria. During the following years, he worked as a key account for global sales in Vienna's Classic Components Branch office and supported international high-speed supply chains for Foxconn, Solectron/Flextronics. After founding the GAIA Association in 2011, he now manages the Association with 3000+ members. Nowadays he is mainly involved in the GBI project as energy independence is his greatest passion.

COO – Mining Container
Heiko Erxleben

Heiko successfully runs his own construction company for two decades. After constructing hundreds of private homes, he recognized very early, that finding alternative energy sources is the core task of our generation. With his profound knowledge of construction, functionality requests, German quality demands, and all required procedures and certificates, he implemented innovative solutions to his constructions soon after. Being a crypto-enthusiast, Heiko had the idea to construct a mining container for his own purposes. Being a GAIA member since 2014, he learned at a very early stage about our GBI project and will work on combining the first container prototype he built, with our self - sufficient energy devices.

Chief Certification Officer
Dipl. Ing. Andreas Fr. v. Brandenburg

As mechanical engineer Andreas does not only understand the function of complicated machinery, he also designs and builds special machinery. Andreas constructed a very advanced material handling machine for an ebeam accelerator project in south

Germany, which is how he and Robert first met. He worked for the NATO Stabilization Force (SFOR) as inspection engineer for all kind of vehicles, tanks etc. Because of that Andreas formed strong connections to all well known test and certification body's in Germany like TÜV, DEKRA, Germanischer Lloyd, SGS and others.

Head of Blockchain development
Robert Atkin

After finishing his studies at the University of Salford, Robert has gained extensive knowledge in a variety of business fields, being both an entrepreneur and developer. In his 28 years of software development, he also worked for global banks, with his current work being in the fields of Fintech, AI & ML, Blockchain & ICOs, IoT and Robotic Process Automation. Robert won multiple awards, including an award for developing the most disruptive payment technology in 2017. Additionally, he was rated as having the best IT in the mobile phone industry and also won the UK government grant to continue his work on AI in payments.

Communication & Marketing
Christian Steiner

Christian Steiner has been working in the online-marketing business since 2003. Before Facebook changed the social media landscape, Christian helped growing the biggest social community (szene1) of Austria, which had about 1 million registered and active members from Austria. As a Web2.0 pioneer, he was an active marketer of MySpace for multiple years and knows the online-marketing business and the most prominent Ad-Tech-Companies like his own hand. Christian accompanies many national and international companies through digital transformation with his own company "Jutta Deluxe GmbH".

HHO – Heater
Christoph Beiser

Christoph is situated in Austria. For most of his life, he taught adults how to create constructions from the first scratch into to professional 3D constructions and prototypes through tech workshops. He has been a technical consultant and approved countless new technological developments. Christoph has worked for GAIA since 2011 as technical director and controls nearly all the innovative technologies that have crossed our path. Driven by his idea of heating through water he developed the most efficient HHO-cell in 2012 and had further improved his invention since then.

13. Partners & Advisors

Technical Partners

RASD
IOT-Implementation

RASD

RASD is an independent FinTech and Artificial Intelligence development organization designing and building business process improvements across all sectors. Our products and ideas have won prizes from the likes of Microsoft, Infosys and Innovate Finance. Using Artificial Intelligence, Machine Learning, IoT and Robotic Process Automation allied to state-of-the-art open technologies (Blockchain, Cloud, NoSQL etc.) users of our solutions have improved their processes, capacity, and resilience.

TIM Exchange & TUG
Cryptocurrency Exchange and
Universal Gateway Payments

The Universal Gateway provides a single integration point to multiple payments and ancillary services which can be used individually or in multiple combinations, making it possible to use multiple services in a single transaction, e.g. anti-fraud and least-cost-routing.

TIM – The ICO Mining Company
Security, KYC, Payment integration

The ICO Mining Company is a specialist in Blockchain and associated technologies and services. Their highly talented development team has great experience in Blockchain technology and is led by one of the foremost experts in Blockchain systems and cryptocurrencies.

Head of strategic partnerships
James Macdonald

James is a North America based facilitator working with global groups of the Awakening that is sweeping humanity at this time in history.

Sean Brizendine
Blockchain Advisor

Sean Brizendine has over 7+ years of experience researching Bitcoin and Blockchain technology. He was rated 5+ POD (Proof of Developer) by CryptoAsian in 2014 and is a Certified IIB Council Blockchain Professional & EC Council University Lecturer covering Blockchain in their Cyber Talk webinar Series: ICO Bench Expert. He has been involved in over 40 Blockchain Related Projects over the years and advised some of the most successful Token Sales in Blockchain history such as the historic $52 Million TraDove Project ICO.

Dr. Raymond Winter
Technology & Business advice United Kingdom

Raymond is a technologist and commercial director with many years of hands-on operational management experience. He has a well established network of international contact, has extensive negotiation skills and successful marketing experience.

Primary expertise lies within the management of dot.com, telecommunications (fixed, mobile, satellite), digital technologies (including broadcast TV, computer & smartphone manufacturing), eMedia services and SaaS businesses. However his recent investments in zero carbon, clean energy businesses have led to a patented technology that offers electricity to remote villages for the first time.

Extensive international business experience with residential periods in three European countries and the USA and has had exposure to most worldwide cultures, including those across the Far East and Russia.

During the past five years Raymond decided to direct his focus into new Energy and emissions technologies. He met inventors around the world who needed resources to develop their ideas, to cure the NOx and CO2 emissions from combustion engines and support new energy generating technologies that produce electricity. This is how he became associated with the GAIA Community.

Bryan Doreian
Business advisor & strategic partnerships

Bryan is a highly sought after strategist, business developer, networker and recognizable presence in the blockchain and cryptocurrency realms since 2012. He shares his experience, insights and energy with projects of high resonance that make lasting impacts on their communities while tying into the global landscape. Currently, he sits as the Chief Development Magus for the SDG Impact Fund (a Donor Advisory Fund), is the founder of impact initiatives (Wysebridge, Decentrata, elev3n) and is a strategic advisor/business developer for PIVX, WhistleAI, NUMO, Redpen, and Pocket Network.

Bryan graduated Magna Cum Laude with dual Bachelors of Science degrees in Chemistry and Chemical Engineering and dual minors in Mathematics and Biology from Geneva College. From there, he completed his Doctorate in Cellular and Molecular Biophysics from Case Western Reserve University. During this time, he began preparing for the USPTO Patent Bar Exam to become a Patent Practitioner. Upon successfully passing the exam and tutoring several of his peers in 2012 that passed as well, he turned his educational experience into a thriving Educational Technology Company (Wysebridge) and has subsequently gone on to launch and fund several startups, including co-founding a holistic healthcare platform in 2017 (elev3n), and in 2018 co-founding a decentralized infrastructure for developers to build peer to peer applications (Pocket Network) as well as an ecommerce solution (Vendible) for businesses and consumers that bring both together within community marketplaces by leveraging social networks and layered confidence mechanisms for safe transactions using both traditional and digital/cryptocurrency payments.

Guido Parchi

Guido is an entrepreneur, technologist/engineer specialized in environmental engineering and clean energy technologies. Thanks to his dad's passion for sailing and skiing Guido grew up in touch with the strength and beauty of nature. His passion for physics naturally led him to become an environmental engineer. After graduating in Hydraulics/Environmental engineering at the University of Bologna, he began his career working for both public administrations and private companies, in the following areas:

- Environmental and Energy engineering.
- Environmental/Geographical information systems.
- Project management.
- Environmental decision support systems (Mathematical modelling).

Later Guido became co-founder and technical director of three Engineering and Software companies. Currently he is CEO-CTO of Prometeon Srl, an engineering and research company developing innovative clean energy technologies.

Francesco Mcdougall

Francisco is an entrepreneur, technologist/engineer and social activist. He dedicates his time to working technology projects that advance social issues regarding public autonomy and progressive social issues, along with and developing business strategies with other fellow entrepreneurs that are developing tech related services or products. Over the last 10 years he has been involved with several start-up companies relating to health, technology, and agriculture.

IT-Security

Raphael Kury, RARE Limited, Vienna, IT Security

Raphael studied business informatics in Vienna and founded his own small company in 2004. Soon after, he began controlling mid-sized IT projects, for example for General Electric and Raiffeisen Bank group. During his career he also occupied a key position in an internationally operating gaming enterprise, managing their IT infrastructure. In 2012 he founded his second IT Company and is offering 3rd Level support.

Fabrizio Zampieri

Economist and Financial Analyst.

Areas of expertise: Corporate Finance and Foreign Markets, with the following specificities:

- analysis and study of financial markets,
- exchange rate risk and financial instruments management,
- cryptocurrencies and ICO markets analysis and advisory.

Professor at ISFOA -Private International University Lugano- in financial subjects ("Asset Allocation and Portfolio Management"). Ordinary member of A.L.E.A. (Association of Graduates in Business Economics at University of Venice, Italy).

Jane King

Jane King is a 1991 graduate of Purdue University, with a degree in Communications. Jane began her television career at WLFI-TV in Lafayette where she was an anchor and reporter. During that time, Jane also taught a few classes at Purdue in broadcast journalism. After WLFI, Jane began to specialize in financial and business reporting and went on to cover consumer issues at WPVI-TV in Philadelphia, and the stock market for both CNN and Bloomberg Television. In January 2014, Jane started her own company with a business partner, LilaMax Media LLC, where she provides financial news content from the NASDAQ in Times Square for local television stations around the country including WISH in Indianapolis, KRON TV in San Francisco, KING in Seattle, and Thestreet.com. LilaMax Media recently launched a weekly, 30 minute show that airs on both KRON's broadcast and streaming. Services. The show focuses on technology and entrepreneurship. During her career, Jane has covered the dot com bust, the 2008/2009 financial crisis and provided live reports for CNN and local TV stations from the World Trade Center attacks on September 11th, 2001.

LilaMax Media was created in January 2014. It's a multimedia content company delivering consumer/business news to television and internet news organizations. Jane King, along with long time TV syndicator Robert Morris, started LilaMax Media and has grown the company from 12 TV stations to now 72 TV station and 2 internet entities. LilaMax Media content originates from the NASDAQ Marketsite in Times Square and is provided and updated daily.

You?

GAIA is still looking for more advisors. If this whitepaper caught your interest and you have some experience in regards to our venture, we would love if you get in contact to us.

14. Investors

CO² d.o.o.
www.co2.hr
EU Emissions Trading Directive (EU ETS)
HR-21220 Trogir
Croatia

Calida Tech
TECHNOLOGY INVESTMENT

Calida Tech UK Ltd
www.calidatech.com
Tech investment fund
United Kingdom

15. Partners

Mb mechatronik is a specialized service provider. Employees have outstanding knowledge about mechanics and mechatronics and make it easier to understand complex mechanical issues. The core competence of the company lies within the construction of complex devices for building automation, especially the implementation of modern techniques in old structures.

In the center of their activities are information services and consulting for sustainable trading with 100% renewable energy sources, as well as the construction of highly efficient Plus-Energy-Homes.

N-G is an acknowledged specialist in saving energy and increasing energy efficiency in stationary and mobile applications.

The ÖVR is a network of energy pioneers, who have been researching independent energy sources for many years.

T4L owns procedures for plasma coating and refines natural materials for creating healthy heaters of the next generation. They combine technical achievements with the image of nature and create a comfortable room temperature for buildings and humanity.

RARE is our partner for protocol overlapping, autarkic monitoring. Vie LAN or GSM, with RARE technologies every control signal can be safely issued from any place.

JANE.ECO develops and implements alternative value creation models for the protection of the rainforest.

16. Conclusion

GAIA Projects represent a giant leap into the future of technological inventions for sustainable energy. The painstakingly thought-out project roadmap provides inventors and investors alike a unique opportunity to explore the limits of positive adventure at a time of great demand for a scarce resource: electricity. The kickoff projects and the token dynamics are both eye-catching and incredibly profound at the same time. Clearly, the future is bright, and GAIA is already set to provide the power that lights it up. It is impossible until someone dared to try/

17. References

1 UN DESA – "World population projected to reach 9.7 billion by 2050
www.un.org/en/development/desa/news/population/2015-report.html

2. World Energy Outlook 2017 https://www.iea.org/GAIAo2017/

3. Additional information from: https://www.solarwatt.de/photovoltaikanlage/solarenergie/photovoltaikanlage-kosten - solar panels\

https://www.ucsusa.org/clean-energy/coal-and-other-fossil-fuels/hidden-cost-of-fossils#.WxtL90iFNPY – fossil fuels
https://www.ucsusa.org/clean-energy/renewable-energy/environmental-impacts-wind-power#.WxtaHUiFNPY –wind turbines
https://www.ucsusa.org/clean_energy/our-energy-choices/renewable-energy/environmental-impacts-solar-power.html#.WxtckEiFNPY – solar panels
https://en.wikipedia.org/wiki/Conservation_of_energy
(https://en.wikipedia.org/wiki/Lorentz_force)
https://en.wikipedia.org/wiki/Electromagnetic_coil
https://en.wikipedia.org/wiki/Laws_of_thermodynamics
http://www.thrivemovement.com & Mr. Foster Gamble – "free Energy"
https://jayshetty.me/ - inspirational Videos & motivation

18. Disclaimer

IMPORTANT NOTICE

PLEASE READ THIS NOTICE VERY CAREFULLY. IF YOU ARE IN DOUBT AS TO THE
ACTION YOU SHOULD TAKE IN RELATION TO THIS DOCUMENT, PLEASE CONSULT
YOUR LEGAL, COMMERCIAL, FINANCIAL, TAX OR OTHER PROFESSIONAL ADVISORS.

This Whitepaper is a summary of GAIA Projects business model, technology, and an introduction to our GEP token sale features and targets.
GAIA Projects will conduct its token sale to raise funds for development and commercialisation of the products and services described in this Whitepaper.

Descriptive nature only

Information contained in this Whitepaper is of descriptive nature and not binding.
This Whitepaper includes market and industry information and forecasts that have been obtained from internal or publicly available surveys, reports and publications. Such sources are believed to be reliable, but GAIA Projects provides no assurance or guarantee as to the accuracy or completeness of such information and forecasts.
The GEP token sale involves and relates to the development and use of bleeding edge and experimental technologies that may not turn out as expected or be brought to completion as specified in this Whitepaper.

Regulatory measures, investigations or actions may impact our products and services and limit or prevent them from being developed or implemented. The business model may change due to new regulatory and compliance requirements from any applicable laws in any jurisdiction.

Forward-looking statements

All matters discussed in this Whitepaper about future performance of GAIA Projects, its products, services, Tokens and token sale event, including, without limitation, future revenues, earnings, strategies, prospects, consequences and all other statements that are not purely historical constitute “forward-looking statements”. Such forwardlooking statements are subject to risks and uncertainties, which could cause actual results to differ materially from those anticipated. When used herein, the words “anticipate,” “intend,” “estimate,” “believe,” “expect,” “plan,” “should,” “hypothetical,” “approximately”, “potential,” “forecast,” “project,” “aim”, “target”, “could”, “if”, “may”, “possible”, “probable”, “would”, “will”, variations of such words and similar expressions or symbols are intended to identify forward-looking statements. All of the forward-looking statements made in this Whitepaper are qualified by these cautionary statements and GAIA Projects can make no assurance that the results or developments of GAIA Projects will be realized or even if realized, will have the expected consequences. All participants in token sale are cautioned not to place undue reliance on these forward-looking statements in making a decision to participate in the token sale. No representation, warranty, undertaking, promise, or guarantee is given in respect of the forward-looking statements.

Not designed or intended as securities or investment assets

GEP Tokens do not represent equity, shares, royalties or rights to capital, dividends, interest, profit or income in the entity that issues Tokens or any other entity in any jurisdiction.
GEP Tokens are not designed or intended to perform or to have a particular value outside the GAIA ecosystem.
GEP Tokens shall Fnot be used or purchased for speculative or investment purposes

Not an offer or solicitation

GEP does not offer any securities or assets for investment purposes.

This Whitepaper is not intended to be a financial services offering document or a prospectus of any kind.

This Whitepaper is not a solicitation for investment and does not pertain in any way to an offering of securities, shares, options or futures in any jurisdiction. It is a description of the functionality of GAIA Projects products and services and the utilization of the GEP Tokens within the GAIA ecosystem

Not an agreement

The GAIA token sale and distribution of GEP Tokens to each contributor will be subject to and governed by the Terms and Conditions of our Token Sale, which is a separate document setting out the terms and conditions of the agreement between GAIA Projects and the contributor in relation to its subject matter. In the event of any inconsistencies between the T&Cs and this Whitepaper, the T&Cs shall prevail.

Not a recommendation or advice

The use of any data or information about GAIA-Project's products, services and the GEP token sale provided by GAIA Projects in this Whitepaper does not and cannot guarantee that contributors will make profits or will not incur losses. Such data and information is intended merely for informational purposes.

This Whitepaper does not include or contain any information or indication that might be used as the basis for any decision to participate in the token sale.

This Whitepaper and any data or information herein shall not construed and is not intended to supply professional, business, legal, tax, investment or financial advice.

GAIA Projects offers no advice regarding the nature, potential value or suitability of the GEP Tokens or the token sale event.

Knowledge required; Risks

Decisions to participate in the token sale involve high risk and have to be based on the advice of qualified financial professionals.

Otherwise, all participants in the token sale must use their own judgment and consider carefully whether information and data contained in this Whitepaper is suitable for them in light of their personal financial conditions and ability to bear financial risks.

The token sale discussed in this Whitepaper has not been reviewed by any regulatory authority and no such action is planned to be taken under the laws or regulations of any jurisdiction.

Restricted territories

The GEP Tokens are not offered to the United States citizens and residents. They are not allowed to participate in the token sale and purchase GEP Tokens.

Participation in token sale may be restricted to residents of other countries and territories.

All participants shall make sure they act in conformity with the applicable laws, and they have found and learned the position of the regulatory authority in their jurisdiction.

Limitation of liability

YOU ALONE ASSUME SOLE RESPONSIBILITY FOR ANY DECISIONS YOU MAKE BASED ON THE INFORMATION CONTAINED IN THIS WHITEPAPER AND/OR THE USE OF SUCH INFORMATION.

UNDER NO CIRCUMSTANCES SHALL GAIA-PROJECTS, ITS FOUNDERS, TEAM MEMBERS AND ANY THIRD PARTY INVOLVED IN GAIA-PROJECT'S PROJECTS BE LIABLE FOR ANY LOSS OR DAMAGE YOU OR ANYONE ELSE INCURS AS A RESULT OF ANY ACTIVITY THAT YOU OR ANYONE ELSE ENGAGES IN BASED ON ANY INFORMATION YOU RECEIVE FROM THIS WHITEPAPER OR AS A RESULT OF THE USE OF THE WHITEPAPER, INCLUDING, BUT NOT LIMITED TO THE INCAPACITY TO USE OUR TOKENS.

Disclaimer of warranties

ALL INFORMATION IN THIS WHITEPAPER IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. GAIA-PROJECTS MAKES NO REPRESENTATIONS AND DISCLAIMS ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES OF ANY KIND TO YOU AND/OR ANY THIRD PARTY, INCLUDING WARRANTIES AS TO ACCURACY, TIMELINESS, COMPLETENESS, OR FITNESS FOR ANY PARTICULAR PURPOSE.

»Life is made of ever so many partings welded together.«

Charles Dickens (1812-1870)