Space Energy Technology

from

EMI *TECH* – SETECH

Disruptive decentralized self-sufficient and

climate-neutral Energy and Drive Technology

Heinz V. Wenz

EMI *Technologies*
Energy - **M**atter - **I**nformation
From Theories to Technologies

SETECH
Space Energy Technology
The one who masters the space energy is ahead of the times

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1.
Corporate Identity (CI)

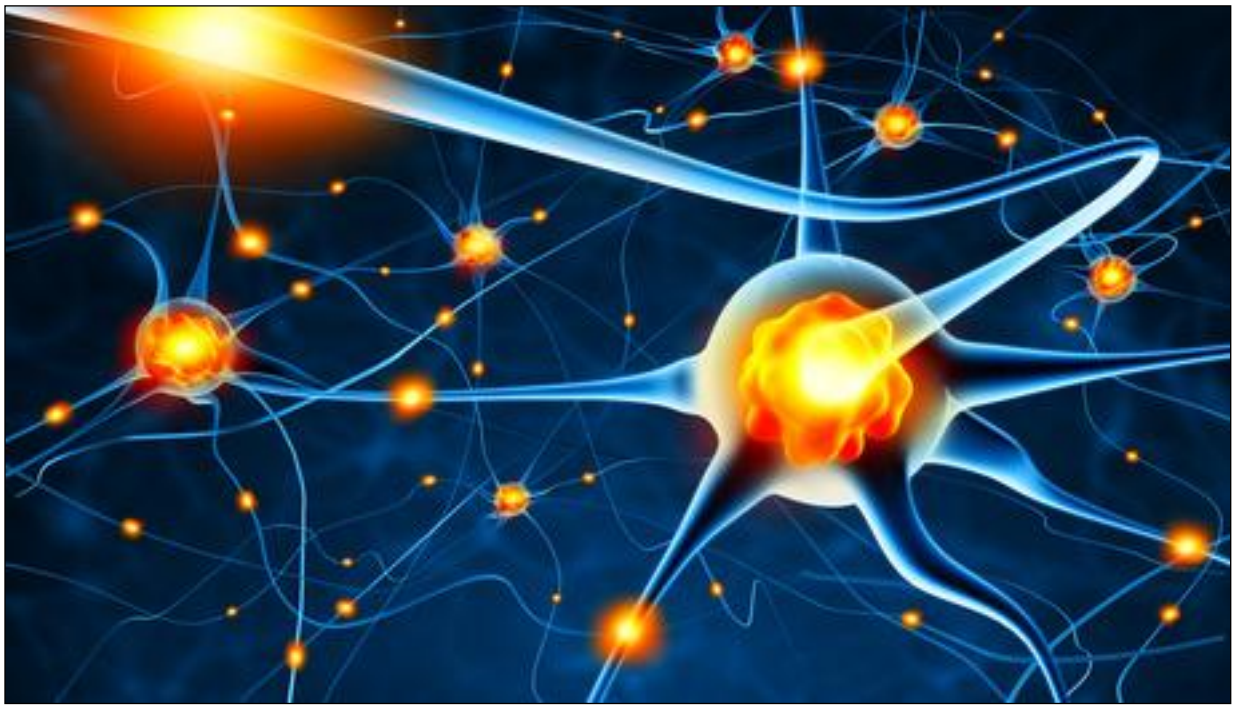
EMI: Energy - Matter - Information Innovations

„From Theories to Technologies“

New paradigm for

Energy - Matter - Information

Systems



Motto 1

„Science is first productive force“

Motto 2

„After big science follows big business“

I. Basic orientation

Subject:

Fundamental Ideas / discoveries / inventions / experiments

Everything from one source:
interdisciplinary and paradigm-forming basic research
- technical applications - market-oriented developments

***Consequences*:**

Scientific-technical quantum leap
Qualitatively new level of knowledge
Unique feature on the world market

***Main focus*:**

Self-sufficient energy and propulsion technologies

II. Corporate Philosophy

Foundation

EMI Technologies was founded on the basis of many years of scientific and technical preliminary work by Heinz V. Wenz in January 2020 in Frankfurt am Main. The responsibilities of the founder Heinz V. Wenz: physics + technical systems.

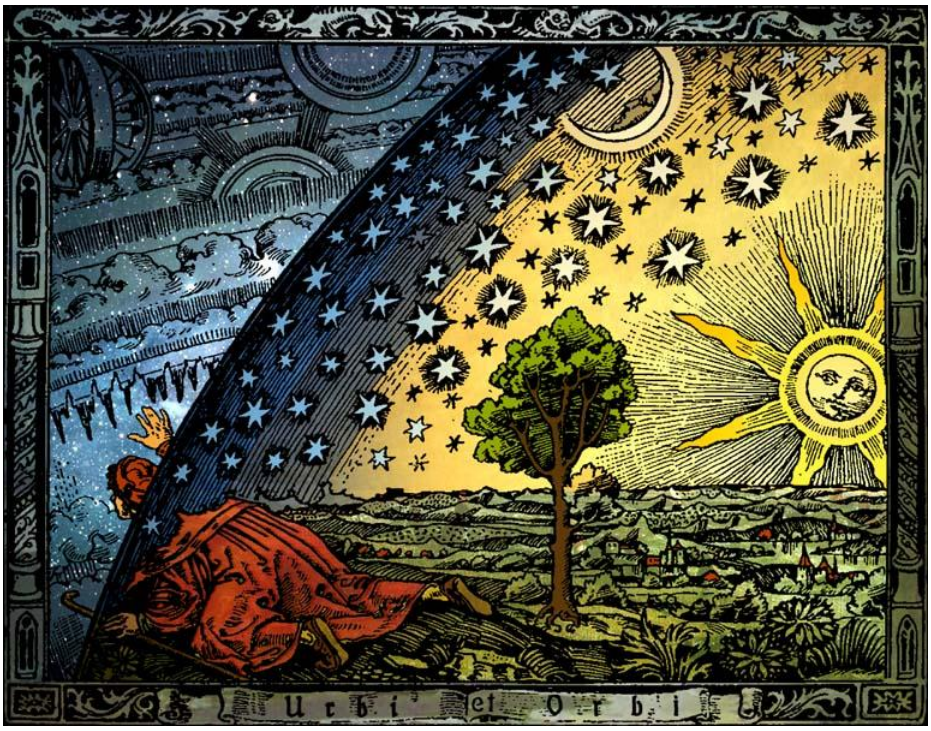
Objective

In order to guarantee a maximum of freedom in research, EMI works in the field of basic research exclusively under its own objectives, i.e. not on behalf of third parties - applied research and the development of products are carried out in particular with suitable partners. Only in this way can decision-making processes be kept short and products from the idea to the Experimentum Crucis (fundamental experiment) to the functional model (proof / verification) can be implemented in one piece. The following development steps (prototype, series maturity and marketing of the products) should normally be carried out by an EMI – SETECH company and, if required / requested by third-party companies (licensees etc.), in particular in order to be present in the global market more quickly and with more widespread impact. In order to achieve continuity in the implementation of the EMI – SETECH projects in the end product of the market, only those companies that fundamentally share the IEM corporate philosophy are considered as partners.

Corporate Philosophy

Part of this philosophy is that the starting point for projects is always border-crossing innovative ideas and discoveries that lead to inventions with the status of a scientific and technical "quantum leap" and thus to a paradigm shift. It is only through this coupling of disruptive "innovation" with "paradigm shift" that the word "innovation", now used in an inflationary manner and reduced to marketing effect, acquires a sophisticated meaning. Taking the example of Heinz V. Wenz: It performs work not traditionally by heat but by a magnetic force/energy field, thus achieving the status of a trans-classical machine. In other words: The goal is not the optimization of existing technologies (e.g. the Otto engine), in the jargon of the automotive industry: no CIP (= continuous improvement process), but the

complete replacement by a fundamentally different technical principle: energy field machines.



Paradigm shift: C. Flammarion, wood cut, Paris 1888

Justification of the corporate philosophy

The justification with regard to the environmental issue: Optimising the petrol or diesel engine does not solve the ecological problems. Analogously spoken in the picture: If a deep chasm of 6 meters has to be jumped over to reach the other side, only a 6 meter jump solves the problem. Jumping shorter than 6 meters is identical to "not jumping" in terms of effect and problem-solving - a shortcoming of all current attempts to solve the energy and environmental problem. In other words: Even with an ever-improving petrol or diesel engine, the saving other shore of sufficient natural compatibility will not be reached. Therefore, the limits of today's technologies must be crossed in a new paradigm in order to avoid stock-critical crises and to reconcile technical efficiency, nature compatibility and economic profitability. The order of the day is to pad, not to dribble!
The effect: A disruptive technology.

Priority of the theory

However, such a demanding goal can only be achieved if in-depth theoretical considerations (for example in atomic physics and innovation methodology) precede technical developments. It is precisely this requirement that is neglected under the hostile pressure of innovation from fast markets and fashionably changing management methods. Even more: both engineers and managers like theory in the meantime heard the good sound. This habitus - which prevents revolutionary innovations - is reversed to the opposite in the

EMI – SETECH philosophy: theory takes precedence over short-winded practical orientation - already visible in the company name

Scientifically based information

It is important: It is not about information itself, but highly selective to *scientifically based information*. Since science is understood as the first productive force in the EMI – SETECH philosophy, the strong emphasis on theory does not lead to the seclusion of an unfamiliar ivory tower. In other words, the primacy of the theory does not lose sight of the market, on the contrary: "After big science follows big business".

Theory and market

The connection between theory and market success has been proven x-times. For example: Without theoretical physics in general and quantum theory in particular, the digital computer would not exist, and Bill Gates would not have become the richest man in the world (the same is true for the relationship between relativity and GPS, ignoring the relativity of time) would work, many more examples could be mentioned). The notorious theory phobia of engineers and managers is thus unfounded and dysfunctional to the goal of global and sustainable market success.

Multibillion-money effect

Analogous to the connection between quantum theory and the multi-billion dollar market, EMI claims to be able to trigger business in the multi-billion dollar realm with the SETECH Magnetor Systems, for example, as a product of extensive and demanding theory work; because fundamental theory work results in products with unique selling propositions. And if there is global demand (which is the case with energy technology), the multi-billion-dollar effect is just a matter of entrepreneurial wisdom. In other words: In the EMI – SETECH procedure, theory and practice have an in-view of efficient interaction and market requirements in the same view as gears.

Quantum leaps and paradigm shift

It is not easy to solve the problems of our time. Viewed without pink glasses, the challenges are so vast that they can only be mastered with quantum leaps and paradigm shifts. This applies equally to technology, business, politics and culture. The conspicuous and growing crises of the classic industrial society, which are expressed in a slowdown in technical progress, financial bubbles, state disillusionment and cultural neglect, are evidence and an urgent call for new thinking and action. One thing is clear: *fundamental* changes in technology, business, politics and culture require a comprehensive and all-inclusive framework, in other words the information society.

Information society

Much is said about her, usually with the assumption that she already exists. But with a sober look, the actual state is light-years away from her. "Information society" has degenerated into an empty marketing slogan, under which dates-flow and think-ebb have found themselves to an unfortunate alliance. The mismatch preceded by the momentous misjudgment that the transition from the industrial to the information society is a process that *automatically* takes place with the spread of computer technology. A misconception based on confusion, namely the confusion between "information society" and "information technology society". Just as the increase in telephone *sets* automatically leads to an increase in intelligent telephone conversations, so little does the increase in computer *technology* automatically lead to the information society. That's why EMI – SETECH says: head in front of computer!

Globalization and culture

Decisive feature of the information society is not the computer, but the scientific basis of the new society (the computer is only means for its optimization). The consequences are manifold and far-reaching and also affect the concepts of globalization. In the light of the information society, globalization is not a purely economic phenomenon, but always interlinked with culture in the dialectics of "global" and "local". Only in this way can the broad acceptance and sustainability of globalization be achieved. In other words, economy without culture is not only bad for culture, but also for the economy. In the controversial debate about the forms of globalization EMI – SETECH thus positions itself against the "culture-free" and the "culture-bound" position. In other words, the rules of science and technology are invariant with respect to the difference between cultures (the law of gravitation is valid around the world), whereas corporate governance is to be shaped relative to the peculiarities of cultures. For two reasons: Respect for the foreign culture and increase in efficiency through motivation of employees. Once again different: Western management methods are e.g. neither enforce it efficiently nor permanently in China. Successful international management requires intercultural competence.

Key skills for executives

These and other peculiarities of the information society are followed by a new requirement profile for executives. You must have three key qualifications: *rational, social and innovative*. Only with these three coordinated competencies are the great challenges of our time to exist. One of these Herculean tasks is the solution of the energy problem - the fate of humanity. It has to be really innovative, so no mess or renovation. It must also be rationally well reasoned, i. e.g. a solution with as little or no harmful side effects as CO2, NOx. And she has to be social, i. Provide energy to the extent that all people of this earth can live humanely. Apart from the humanistic reason, this is because extreme asymmetries in the availability of energy will cause extreme asymmetries in the prosperity of nations, and in turn, uncontrollable migration and warfare over energy reserves. In addition to the economic necessity, a solution to the energy problem also has a peace dividend.

MAGNETOR Systems

All the above high demands are met by the EMI - SETECH Space energy technology - perfected by the revolutionary MAGNETOR systems (see also magnetronics = parallel world to electronics). This invention of Heinz V. Wenz establishes a hope for the whole of humanity, with the potential to become the technical signature of our age: Heat as an energy source for the production of work is completely replaced by magnetic force / energy fields - a paradigm shift, this Name earned too. Only one of the many effects: Cars with MAGNETOR systems as drive systems do not have to be refueled in their entire lifetime (virtually permanent magnetic energy / capacity) and also emission-free. To avoid a possible misunderstanding: The MAGNETOR machines are not perpetual motion machines, i.e. they do not violate the laws of thermodynamics (details with justifications elsewhere).

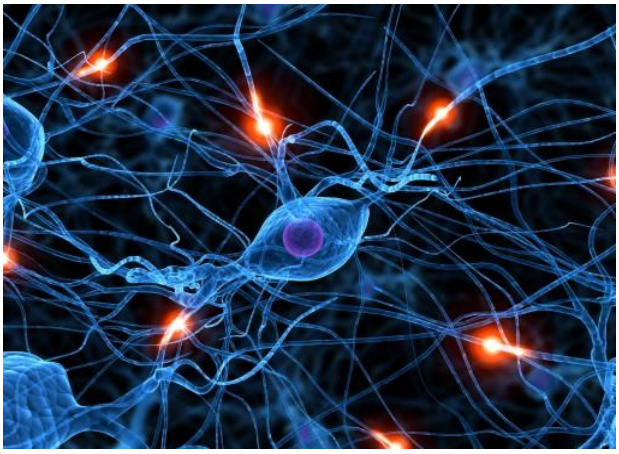
Information as a logically independent variable

Information as logically independent epochal inventions of this kind are based on a wide range of theoretical models (from cognitive science to quantum physics), the world of mind / information on the one hand and the world of energy and matter on the other hand on a new way to cut brings. It is important: Contrary to naturalistic basic concept EMI understands information as logically *independent* (autonomous) size. In other words, although information relies on energy and matter (for its transfer in space and as a carrier of information), it can't be *traced back* to it. A small proof: If energy is transferred from A to B, according to the first law of thermodynamics, the energy at location A has decreased by exactly the amount that is available after the transmission at location B. If, on the other hand, information (e.g. about the form or the amount of energy) is transferred from A to B, then the information at location B has increased but at location A it has not decreased (the same applies to matter: Does person X assign person Y a 1-Euro coin, so Y is one euro richer, X poorer by one Euro transfers X to Y on the other hand information – e.g. that the euro currency in Germany and in Italy is - so has the information at Y, at X but not decreased). Semantically understood information therefore does not satisfy a conservation law. Size

Cognitive and physical world

There is a complex and sometimes mysterious relationship between the cognitive and physical worlds. Even now, one thing is certain: not the properties of the physical world ultimately determine how we perceive and experience them, but the properties of the brain. Not only neuroscientists, even smart theoretical physicists have long recognized this in principle. So fits in with the assumption of the primacy of the brain e.g. the remark of Carl Friedrich von Weizsäcker, the quantum mechanical measuring process is not with the pointer rash (or similar) on the measuring device, but only with his *acknowledgment* by the physicist, w.o.w: in the light of the theory, completed (see also Einstein: what one can observe, decides the theory). This background of all-encompassing brain function has also determined the selection of images for the EMI-CI in sequence. The placement of the neural structure of the brain on the *front* page shows: The brain is the central reference point

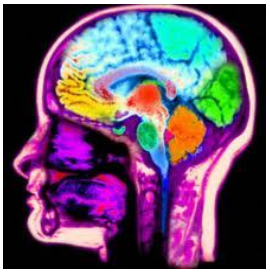
not only of all scientific, but also of all economic, technical, political and cultural activities. Once again a confirmation of the precedence of information over energy and matter.



At the University of Southern California, scientists have achieved a massive breakthrough in the development of an artificial brain. They developed synapses from carbon nanotubes. In tests, the nanotube recreates the function of a neuron in the brain.

Dominant role of the brain

The dominating role of the brain and thus of information is detectable even in the simplest act of an external world perception: processes (e.g. the perception of a car), which take place in the neurophysiological view exclusively *in* the brain, we perceive as true, as they played in the *outside* world from (equally impressive and easily provable is this peculiarity of the optical illusions). As the most complex material structure that science is currently working on (about 10^{11} neurons, 10^{12} glia cells and 10^{15} synapses), the functional spectrum of the brain is impressively broad: from logic and mathematics via emotions and intuitions to "brainstorms", their formation Logically not reconstructable and always the beginning of groundbreaking innovations. *Un*conscious information processes always precede, with which "perspectives" and involuntary perspectives, reference systems and spaces are changed.



Brain

Synapse

Cognitive eruptions

All the great thinkers bear testimony to these abrupt cognitive eruptions: Archimedes, Darwin, Einstein, Poincaré, Gauss, Kekulé, etc. (The Wenz Magnetor systems have also been developed in this way). The special feature: Disruptive revolutionary ideas not only

surprisingly break out of the unconscious, but at the moment of their becoming conscious they are only subjectively certain, but not objectively justifiable. So Planck found the formula for the cavity radiation on Oct. 07, .1900, her mathematical justification succeeded months later.

Thinking *away* - development phase

Such solutions to the most difficult problems that occur both unexpectedly and beyond focused solution efforts are a strong indication of the complex and cognitively high quality work of the unconscious. From an innovation-methodical point of view: If the problem to be solved is described precisely and the solution is not tracked down, it is not time-honored further thinking, but path-breaking thinking is needed. In other words, forget the problem and relax or deal with a completely different topic. In the sense of the mathematician Henri Poincaré: "Pour inventer if faut penser à coté." (Freely translated: In order to invent one must think away).

Justification phase

Nevertheless, the acid test for a new idea does not come with its genesis, not in the flash of inspiration itself, but only in its justification, which is structurally completely different from its genesis. And justification is the realm of consciousness and logic. If the new idea comes eruptively and apparently simple, its good justification is always long and tiring. In the words of Thomas Edison: "Genius consists of one percent inspiration and 99 percent perspiration." This important requirement for justification is often not taken into account, not in science, but in politics and business. In any case, many examples show that a new idea is implemented without careful justification beforehand (from the ecological fuel that led to the deforestation of the rain forests to the merger of Daimler and Chrysler, which - praised by Schremp as a "wedding in heaven" - was reversed after a short time at the expense of Daimler). In contrast, the justification requirement was carefully considered in all technical EMI innovations.

Multiple and parallel world phenomenon

Both things are important: letting go of well-established thought rules and contents in the development phase and strict logic in the reasoning phase. But true is also: Letting go of proven knowledge presupposes its knowledge, i.e. unbridled imagination alone is not the key to equally new and useful ideas and inventions. A little sharper: Ignorants can’t make inventions, at least not those that withstand the review.
In the beautiful and humble words of the great Newton:

"If I have seen further than others,
it is because I stood on the shoulders of giants."

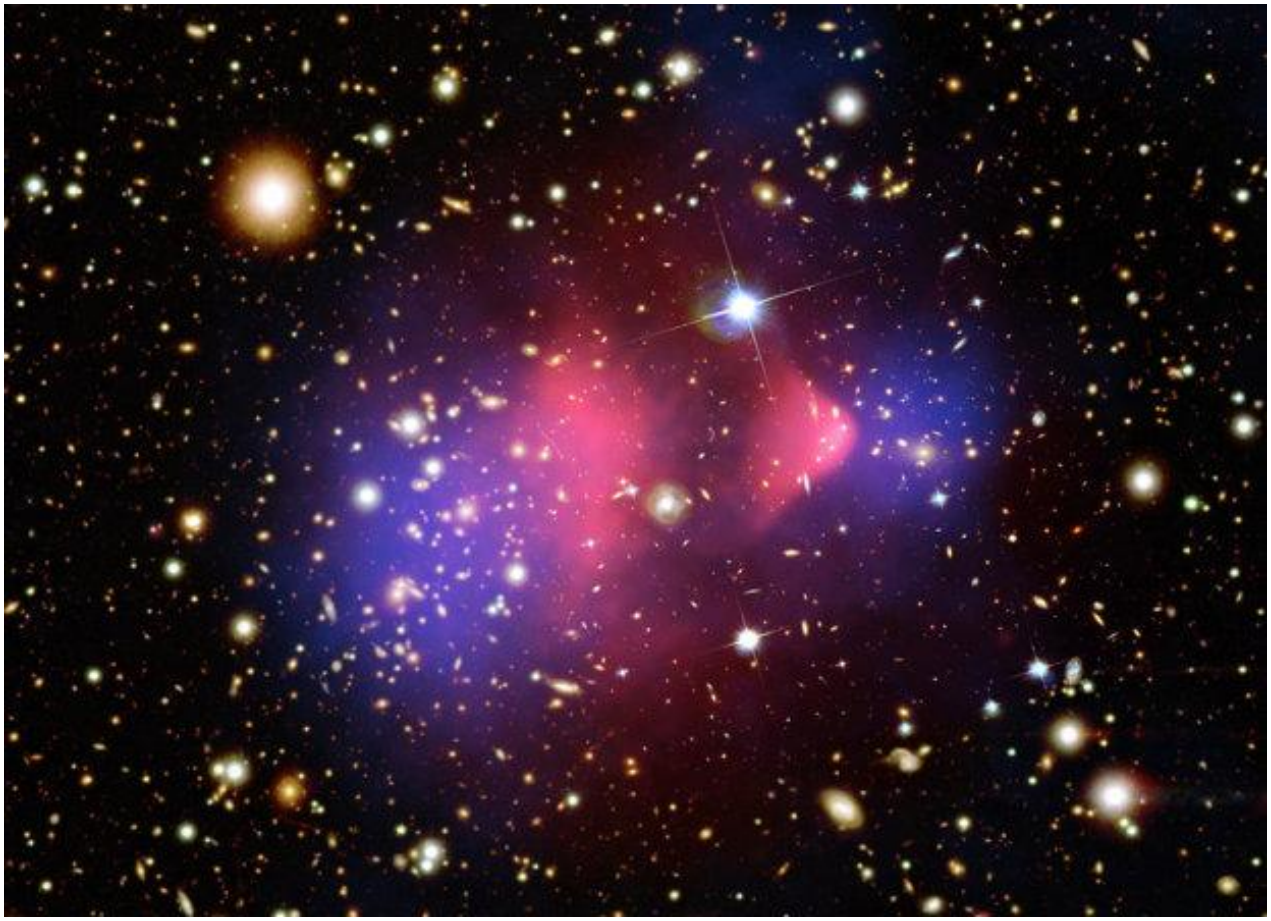
Nevertheless, epoch-making ideas usually come from a different and non-conscious world. Hence the painting by Margritte: Creative commuting between different worlds and their concoctions are expressed in a clear way. The artistic form of the representation of this multiple and parallel world phenomenon has long since become scientific certainty in the advanced models of physics

Creative commuting between different worlds and their concoctions "The Carte blanche", René Magritte, 1965. (c) Photo: National Gallery of Art, Washington.

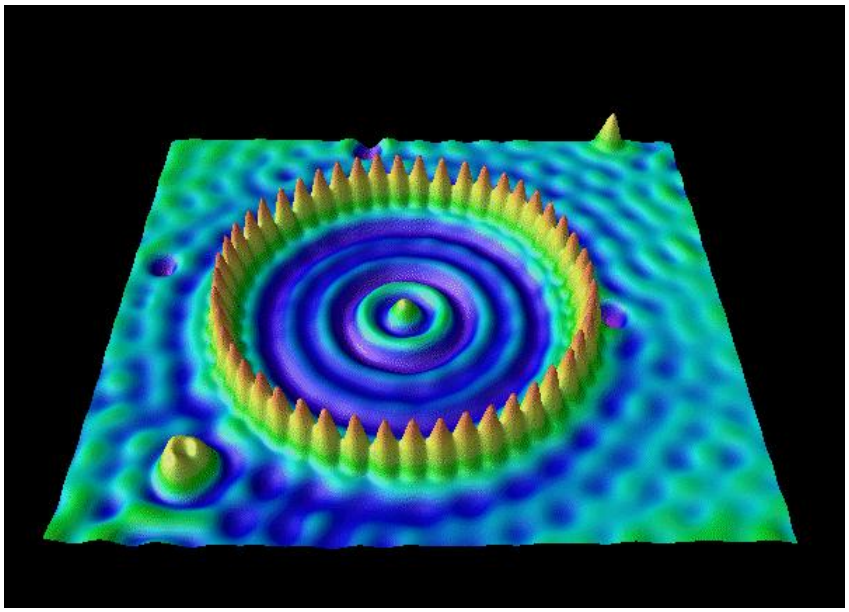
Brain in the center

Never in the EMI philosophy is it forgotten that all the insights and discoveries in the world's micro-meso-macro spectrum always focus on the *brain*, even the universe as a whole. Again, the subject of research is always part of our brain, subjecting it to both its possibilities and its limitations. The logically difficult and the objectivity question posing problem:

"universe outside" and "universe in the head" are no longer distinguishable.



These stars belong to the bullet cluster, in English "bullet pile". It is a galaxy cluster in the constellation "keel of the ship". About 100 million years ago, a second, smaller cluster of galaxies crossed the bullet cluster like a bullet. The name derives from this event.



Atoms made visible (Source: IBM) pen.physik.uni-kl.de

Goals and projects of EMI

In this field of tension of the spiritual-informational and physical-technical world, the goals and projects of EMI are moving. EMI combines unbridled creativity with rigorous systematics and empirical verification, does not lose sight of the market, is fundamentally guided by cross-border and paradigm-forming solutions, and has no fear of humor in the search for the logic of rule and system changes: Warden play with a prisoner cards. When they catch him cheating, they throw him out of the jail. The special and surprising: humor and invention follow - with completely different contents - the same formal basic structure, called "bisociation" (two previously unrelated mental systems are cut). In the case of card players, the world of freedom was bisociated with the world of bondage, in Archimedes the relaxation act of bathing with the volume calculation of a geometrically complex body and in the SETECH Magnetor-Systems magnetism is bisected with highly efficient physical work.

III. Company products /- projecs

See following documentations

2.
Setting out for the new

Space-Energy Technology

The one who masters the space energy is ahead of the times

The green Energy Technology

Departure to the new demands abandonment of the old:
Departure to the field energy age

We are convinced that the time is ripe for this new form of energy.
The triumph of this sustainable form of energy for the future cannot be stopped.
The result: a global energy turnaround and a different kind of climate protection.

10 actions against climate change

The motto for disruptively decentralized, self-sufficient energy technology is:

1. Away with the windmills / wind generators - they disfigure the landscape, create wake vortices, infrasound and are dangerous for birds.

2. Away with solar technology - these are inefficient solutions with a lot of space and low energy / power density.

3. Away with the power lines and loss-prone e- high-voltage long-distance lines and the associated electromagnetic fields, as well as sabotage and disaster risks.

4. Away with the generators for primary power and replacement by decentralized energy systems - thereby avoiding reserve power plants, blackouts, frequency instability and the losses by reactive power.

5. Away with the e-network operators and many thousands of km long power grids - are not needed with decentralized solutions.

6. Away with burners (engines and heaters with oil / gas), the producers of CO_2.

7. Away with the oil / gas products as producers of CO_2 killer gas and thus also avoid the huge import costs and dependence on suppliers.

8. Away with electric batteries in vehicles and the constant charging and discharging as well as lithium/cobalt problems - charging stations are omitted with autarkic systems.

9. Away with hydrogen technology - lossy production, explosive and difficult to transport and store.

10. Away with oil and gas production - oil and gas are THE CO_2 emitters = end of the carbon era.

3.

SETECH Magnetor-Systems

Space-Energy Technology

The one who masters the space energy is ahead of the times

The green Energy Technology

Disruptive innovation and technology

The disruptive innovation and technology of the Magnetor-Systems forms the basis for the fundamental change in energy technology and economy - worldwide; it contains a unique selling point and world market potential.

The SETECH Magnetor development **project** creates a fundamentally new (disruptive) and sustainable solution for a drive without emission, without operating materials / electrical charging (= zero operating costs) with virtually permanent drive energy (self-sufficient) with the consequence of an unlimited range.

Stationary systems also have their own, local, self-sufficient and intelligent energy source. The consequence: Industry 6.0: All systems, machines, things have their own local, self-sufficient source of energy. Energy sources are decentralized intelligent (AI) "distributed" networked among the network participants.

In the meantime, 10 different systems have been developed - prototype development, and after verification, production and then worldwide marketing will be carried out.

Magnetor-Systems / -Machines

Magnetor-Generators generate electrical current via mechanically stationary or moving Magnetor-Systems (large difference in construction and efficiency), i.e. these provide electricity for general use, possibly with intermediate storage in electric batteries, or for direct drive of electric motors.

Magnetor-Motors always have to generate a mechanical torque and power, because they should set something in motion. The rotational movement is effected by field modulators or by a self-organization in the magnetic field.

Use of Magnetor-Systems / -Machines

The Magnetor-Generators and -Motors can be used in all technical systems and can be realized in any power level (mW to MW).

Examples are: in houses, in factories, machines, cars, trucks, buses, railways, ships / yachts, airplanes / drones / air taxis, agricultural machinery, satellites, mobile phones,

computers, server centers, clocks, water pumps, seawater desalination plants.
The uses and applications are virtually unlimited; only the raw material supply of the rare earths for the NdFeBo magnets is to be considered.

Energy conversion based on magnetic Space Energy

The core of the Magnetor invention consists in the use of the magnetic force and energy field of "permanent" magnets (optional Electrets and superconductor magnets), the cause of which is located in the spin moment of the outer electrons in ferromagnetic atoms. And this force / energy field has an intrinsic energy.

Only by the collective interaction of many electron-elementary magnets in a "permanent" magnet (macroscopic solid) in one direction, this becomes a magnetic battery with magnetic capacity, i.e. a cold "magnetic field battery" without CO_2 / nano partikel emissions.

Since there is no energy production (energy conservation law), the magnet must become empty in use, i.e. the magnetic-energetic capacity is reduced to zero (it loses equivalent mass $m = E/c^2$) - but that takes much longer than the electrical capacity of an electric battery.

We therefore speak of practically permanent Magnetor-Systems, i.e. autarkic energy converters, because no external energy / supplies have to be supplied (this is intrinsically in the magnets analogous to fuel elements in nuclear power plants).
W.a.w .: The range of cars is virtually unlimited and supplies (gasoline, diesel, electric battery charging) and their costs are completely eliminated.
No technical system lasts forever, because bearings are destroyed and permanent oscillations lead to material fatigue - but this has nothing to do with the intrinsic energy of the magnets.

Only the maintenance as with any technical system is to be considered.

4.

SETECH-Prospect

Space-Energy Technology

The one who masters the space energy is ahead of the times

The green Energy Technology

We are convinced that the time is ripe for this new form of energy.
The triumphal procession of this sustainable future energy form will be unstoppable.
The result: a global energy transition and climate protection of a different kind.
Departure to new demands demolition of old.

The MAGNETOR-Systems

Permanent Magnetic Space-Energy
Field Force and Field Energy machines / power plants

Project prospect

Progress through freedom of research

Revolutionary magnetic force and energy technology.
Sustainable, with significant ecological and economic

The Facts – overview

10 Benefits and Features for Pioneer Customers, Partners, and Investors.

After intensive and long-term R & D with 10 thoroughly analyzed, systematized and designed variants, we can present and offer you the MAGNETOR systems described below as a fundamental innovation for testing and use.

1. Fundamentally new, sustainable, safely, safe and clean energy "source" via MAGNETOR machines or power plants.

2. Use of the practically permanent magnetic force and energy field. Unrivaled capacity: Example capacity per year for 1 kW MS-machine:
   8,760 kWh / a, 87,600 kWh in 10 years, 876,000 kWh in 100 years.

3. Decentralized self-sufficient, virtually permanent primary energy supply at the point of use - even far from any electricity grid.

4. MAGNETOR-Generator, type MFG o. MSG generates electricity without or with moving components.

5. MAGNETOR Motor, type MFM o. MSM generates mechanical or magnetic torque or. performance with moving components.

6. No emissions / electro smog and no operating costs (no consumables are used).

7. Unrivaled price / performance ratio € / kW (retail price = 1,000. - to 200.- € / kW, depending on machine variant / principle, use and quantity) without risky price model.

8. Mobile and stationary use with high energy / power density (up to 1.3 kW/kg); micro to macro systems with power from mW over kW to MW can be realized.

9. Top-technology for decentralized self-sufficient primary energy generation and world climate protection.

10. Global unique selling point with world market potential - combined with ESG: Environment, Social and Governance.

Usage and application bandwidth

- Electricity, hot water, heat, cold, ventilation, air conditioning:
z. Ex domestic electricity (5 - 10 kW), domestic heat (5 - 10 kW), instantaneous water heater.

- Electrical and mechanical drives for land, water, air, space vehicles:
z. Ex cars, trucks, railways, ships, planes, drones, satellites.

- Stationary u. mobile electrical / electronic systems:
z. Ex computer, mobile phone, clocks, computer centers, power stations (1 - 10 MW).

- Stationary u. mobile mechanical systems / machines of all kinds:
z. Ex washing machines, refrigerators, construction machines, water pumps, agri cultural machines, seawater desalination plants for drinking water.

- Water splitting into hydrogen and oxygen.

Systems & Technologies

Systems with Field-Modulator-Technique (F)

- MAGNETOR type MFG: Generator without / with moving components for generating electric current.

- MAGNETOR type MFM: Motor with moving parts to generate mechanical torque and power.

Systems with Swing-by-Technique (S)

- MAGNETOR type MSM: Motor with moving components to generate torque and power based on the magnetic dynamic self-organization of a magnetic "current" due to the magnetic Vector potential difference in the magnetic field is created (analogous to the principle of a magnetic topological insulator).

- MAGNETOR type MSG: Integrated motor-generator unit constructed as a compact system, generates electricity.

Technology Base

Trans classic MAGNETOR systems (power and energy field machines / power plants) for emission-free, decentralized self-sufficient, virtually permanent generation of primary energy.
Term "practically permanent": a) The efficiency is always ≤ 1 or ≤ 100%. b) Magnetic capacity: always many years. c) Work is deducted, less losses, as useful energy. d) MAGNETOR systems are not perpetual motion machine (p.m.); the energy conservation law applies to externally closed (isolated) systems and the first law of thermodynamics, as well as the limited magnetic / energetic capacity of magnets Einstein's formula $E = m \cdot c^2$.

Documentation

Project definition: Detailed explanation of the contents of the documentation.

Issue 1: Exposé: Project information - a basic overview of MAGNETOR systems.

Issue 2: Dossier: To the Exposé detailed project description for cooperation with potential pioneer customers, partners, and investors.

Issue 3: Introduction to the Innovation of the MAGNETOR systems
Terms, physical explanation, process from project to product, customer, partner and user benefits etc.

Issue 4: Introductory Physico-Technical Explanation of the MAGNETOR Systems
Detailed Explanations of the Basics, Conceptual and Theory Formation, Preparation for Understanding the Functionality of the MAGNETOR Systems Type MFG, MFM, MSG, MSM.

Issue 5: AVK: Auto-Variable Crankshaft System

Issue 6: The Physics of gravitational Systems

Book 1: The Technology of MAGNETOR Systems

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Options

Option 1: Presentation, advice, training.
Option 2: Co-Operations, Joint-Ventures, Investments, Shareholders/Participations
Option3: Conventional license agreement with theory and technology transfer for development, production, assembly, marketing, trade / service, training - interesting also for electricity providers with Smart meters customers.

5.
Booklet 1: Exposé

Space-Energy Technology

The one who masters the space energy is ahead of the times

The green Energy Technology

Project Information

A basic overview of MAGNETOR systems

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9. Top technology for decentralized self-sufficient primary energy generation and world climate protection

10 Global unique selling point with world market potential - combined with ESG: Environment, Social and Governance.

5.0 Paradigm shift through the Space-Energy

6.0 Agenda

7.0 Involvement of pioneers

8.0 Disclaimer

The Facts – overview 1. – 10.

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1. Fundamentally new, sustainable, safely, safe and clean energy "source" via MAGNETOR machines or power plants.

2. Use of the practically permanent magnetic force and energy field.

   Unrivaled capacity: Example capacity per year for 1 kW MS-machine:
   8,760 kWh / a, 87,600 kWh in 10 years, 876,000 kWh in 100 years.

3. Decentralized self-sufficient, virtually permanent primary energy supply at the point of use - even far from any electricity grid.

4. MAGNETOR-Generator, type MFG o. MSG generates electricity without or with moving components.

5. Motor, type MFM o. MSM generates mechanical or magnetic MAGNETOR torque or. performance with moving components.

6. No emissions / electro smog and no operating costs (no consumables are used).

7. Unrivaled price / performance ratio € / kW (retail price = 1,000. - to 200.- € / kW, depending on machine variant / principle, use and quantity) without risky price model.

8. Mobile and stationary use with high energy / power density (up to 1.3 kW/kg); micro to macro systems with power from mW over kW to MW can be realized.

9. Top-technology for decentralized self-sufficient primary energy generation and world climate protection.

10. Global unique selling point with world market potential - combined with ESG: Environment, Social and Governance.

Usage and application bandwidth

- Electricity, hot water, heat, cold, ventilation, air conditioning:
F. ex domestic electricity (5 - 10 kW), domestic heat (5 - 10 kW), instantaneous water heater.

- Electrical and mechanical drives for land, water, air, space vehicles:
F. ex cars, trucks, railways, ships, planes, drones, satellites.

- Stationary u. mobile electrical / electronic systems:
F. ex computer, mobile phone, clocks, computer centers, power stations (1 - 10 MW).

- Stationary u. mobile mechanical systems / machines of all kinds:
F. ex washing machines, refrigerators, construction machines, water pumps, agricultural machines, seawater desalination plants for drinking water.

- Water splitting into hydrogen and oxygen.

- Seawater desalination plants for the production of drinking water.

Systems & Technologies

Systems with Field-Modulator-Technique (F)

- MAGNETOR type MFG: Generator without / with moving components for generat ing electric current.

- MAGNETOR type MFM: Motor with moving parts to generate mechanical torque and power.

Systems with Swing-by-Technique (S)

- MAGNETOR type MSM: Motor with moving components to generate torque and power based on the magn. dynamic self-organization of a magnetic "current" due to the magn. Vector potential difference in the magnetic field is created (analogous to the principle of a magnetic topological insulator).

- MAGNETOR type MSG: Integrated motor-generator unit constructed as a compact system, generates electricity.

2.0 Progress through freedom of research

In order to prevent any deception, confusion, property damage, fraud or perpetual suspicion, a serious examination and verification of the project / project of the MAGNETOR technology is required, therefore: Check our statements in the descriptions, justifications and explanations to the project MAGNETOR- systems. Once you have understood the machines in terms of their mode of operation, you will undoubtedly recognize their global market potential and implement new energy transition and climate protection goals with us, because the often-distant external power generation and the lossy transport via networks, as well as storage in e.g. electric batteries, compared to the MAGNETOR technology is a technology of yesterday; An analogous analysis also applies to the gas networks.
Realize with us the decentralized self-contained MAGNETOR systems with the use of intrinsic magnetic energy as a co-pioneer and join our vision
Share with us as part of the risks of entrepreneurial enthusiasm: the ecological and economic far-sightedness will be rewarded in case of success sustained, because who masters the magnetic space-energy, is ahead of time!

3.0 Logo und Terms

SETECH: The electric and magnetic force u. Energy field or the power from the electrons and their magn. Spin moment, is the actual energy "source" (energy cannot be generated, but only transformed in the form).

Analogy terms for the term "MAGNETOR": generator, motor, stator, modulator, reactor, transistor, transformer.

Logo: Our logo is an abstract symbol of the electron with its intrinsic spin (Intrinsic angular momentum) and the magnetic dipole moment, oriented parallel to an external magnetic field. The electron as electric elementary charge is the actual basis of the electric current (in potential difference or mechanically moving electrons) and the cause of the magnetic force and energy field. Definition in the context of electrodynamics: Many electron elementary circular currents increase to a strong ring current, which is regarded as the "source" of the magnetic force field of a permanent magnet.
The logo stands for 10 terms of the energy transition and climate protection goals: electron, energy, electricity, ecology, economy, earth, evolution, exploration, education and epoch.

Energy Terms:
- Intrinsic Energy: Inner Energy of MAGNETOR Systems.
- Extrinsic Energy: Corresponds to the liberated external bonding energy that results from the bonding of magnets to a bonded magnet system.

- External Energy: External energy is the energy of other energy converter systems "generated" outside the MAGNETOR systems.

4.0 The Facts – Details 1. to 10.

1. Fundamentally new, sustainable, safe, safely and clean energy "source" via MAGNETOR machines or power plants

Constructed after a thorough analysis and systematics with 10 different MAGNETOR Power u. Energy Field generator and engine variants.

2. Use of the practically permanent magnetic force and energy field. Unrivaled capacity: Example capacity per year for 1 kW MS machine: 8,760 kWh / a, 87,600 kWh in 10 years, 876,000 kWh in 100 years

Permanent magnets or superconducting magnets are force / energy field batteries and, as such, safe, emission-free power / energy sources. The permanent or superconducting magnets form the basis of the MAGNETOR generators and motors.
The crucial point is that a MAGNETOR system equipped with permanent magnets does not need to be continuously supplied with operating energy from the external power grid, or refueled with gas or liquid, because of a virtually permanent magnetic force / energy field, due to its internal (intrinsic) energy "source" (electrons), this operating energy supplies as supplied energy. It is also to be remembered that the permanent magnets can be reused if the technical MAGNETOR system is worn / obsolete or destroyed - the permanent magnets retain their magnetic energy well beyond the lifetime of the technical machinery /power systems.

3. Decentralized self-sufficient, virtually permanent primary energy supply at the point of use - even far away from any electricity grid

Autarkic systems are given if, by appropriate coordination of the system components interacting in the MAGNETOR system, no external outer operating energy has to be supplied and therefore energy can be coupled out of the interior of the permanent magnets as surplus - so-called intrinsic magnetic energy - and this without violating the energy conservation law; the energy balance is therefore positive from the outside (although the magnet loses energy due to the decoupling - it has a limited magnetic-energetic capacity).

MAGNETOR-Systems vs. Electric batteries

In this above Case accounts for operating batteries / rechargeable batteries or – energy storage a./o. a mains connection for the supply or storage previously outside the MAGNETOR systems "generated" external operating energy a./o. a tank for supplies, because the magnets have already stored the energy intrinsically, hence the term field battery. If water splitting into hydrogen and oxygen is to be carried out with the intrinsic energy, then a tank for the water and the gases is necessary.

In the MAGNETOR systems, the electrical operating battery with its charge, discharge, durability and disposal and raw material problems due to the virtually permanent magnetic force a. Energy field battery (the permanent magnets or superconducting magnets) replaced. That on this basis, by a MAGNETOR generator electric current, or by a MAGNETOR motor mechanical torque a. drive power generated.

W.o.w.: The chemical reaction in an electric battery is replaced by a magnetic power plant that physically converts the internal (intrinsic) cold energy of the permanent magnets into usable primary energy.

Note on the batteries / accumulators -

low-voltage battery 48 V, high-voltage battery 400 V to 800 V.

- Charging times: max. 100 kW charging power cannot be calculated in a linear manner.

- Battery power: Battery capacity max. 48 - 60 - 90 kWh.

- Temperature control: When charging the batteries, the temperature must be regulated.

- Shelf life: The shelf life of the batteries / high-voltage batteries is limited.

- Battery mass: The batteries are heavy, up to 500 kg.

- Extraction of raw materials is energy intensive.

- Problem of environmentally sound disposal in mass production.

Definitions

Electrical engineering: Electrical power P_e of an electric motor, electric current I_e, electrical voltage (electric potential) U_e, power formula $P_e = U_e I_e$.

MAGNETOR technology: Magnetic power of an M motor P_m analogous to the electric motor, magnetic current I_m, magnetic voltage (magn. potential) U_m, performance formula $P_m = U_m I_m$.

Bibliography for quick information

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Operation of MAGNETOR generators / motors

For the operation of the MAGNETOR generators / motors, only cold internal practically (quasi) permanent magnetic force / energy fields are used - without external outer operating energy such as electric current or operating supplies - the MAGNETOR force / energy field systems are quasi "isolated" systems - a grid feed into public systems or Smart grid is however feasible.

Options:

Option 1: *Memory for consumer generated electrical power.*

Option 2: *Control systems with real-time operational data collection and monitoring for the distribution network (data hub and strategic link between own power supply, distribution and customers / customers) for efficient network management.*

Decentralized, self-contained MAGNETOR systems with digital technology can be combined to form virtual power plants. Smart meters (digital meters) reveal consumer behavior.
Such m. a. optional control systems for generation network sales / trading customers make sense for customers / consumers who cannot or do not want to buy / rent / lease MAGNETOR generators and only want to pay for the energy they consume.

Energy extraction coupled with losses in energy conversion

The energy extraction from the magnets by means of energy generation of the ent-ergysation causes an extremely small energy loss per cycle / modulation phase in the magnets. The reason: According to Albert Einstein's equation for relatively stationary bodies or those with low relative speed, $E = mc^2$ is equivalent to extremely small mass loss with $m = E / c^2$; E = energy (J, Nm, Ws), m mass kg), c speed of light ($3 \cdot 10^8$ m / s).

W.o.w: The force / energy field battery = "permanent" magnet thus has a very long quasi-permanent operating time due to the extremely high energetic or magnetic capacity in connection with c^2.
Although gasoline has a six-fold higher instantaneous energy density than a permanent magnet, it ignites irreversibly into its chemical constituents after ignition in connection with the absolutely necessary oxygen and the spark, but a permanent magnet sets its force / energy field even with trillions of alternating field use available - is thus an ideal quasi-permanent energy "source" and thus far superior to gasoline / kerosene / diesel / gas etc.

4. MAGNETOR-GENERATOR, type MFG o. MSG generates electricity without or with moving components

By converting the "permanent" magnetic force / energy field, the M-generator generates primary electric energy as electric current:

4.1 Without use of mechanically moving components (type MFG)

The start, stop as well as the regulation takes place via modulation / switching and control of the magn. force / energy field with a magneto-dynamic field modulator (FE) due to an electrical control - this is the principle of a magn. transistor analogous to the electrical transistor. The modulation / switching / control energy consumption takes place with a relatively small proportion (Es = W_s approx. 1% - 10%) of the energy output (energy dissipated).

4.2 Using mechanically moved components (type MFG)

As an alternative to the FE, a mechanical variant (FM) with a mechanically moved field modulator can be used - the difference between FE and FM lies in the efficiency.

4.3 MAGNETROR generator with moving components (type MSG)

MAGNETOR type MSG: Generator with moving parts for the generation of electricity based on the magn. dynamic self-organization of a magnetic "current" due to the magn. vector potential difference in the magnetic field is created (analogous to the principle of a magnetic topological insulator).
Type MSG: can also be designed as an integrated motor-generator unit as a compact system.
The execution is too complex here at this point.

4.4 Energy balance / energy efficiency

The consequence of the low energy consumption: Excess energy i. a positive energy balance of the MFG.
Any energy conversion into another energy form - here by modulation of the magnetic field of the permanent magnet with the consequence of the movement of the electrons in the electrical conductor of a coil - takes place in a certain ratio (due to the thermal loss), including the MAGNETOR GENERATORS: Inside fed intrinsic magn. Field energy ($E_s = W_s$) minus dissipative heat energy (E_D) (e.g., frictional heat of the electrons moving in the conductor) equals the dissipated useful energy at the coil ($E_{Ab} \leq 100\%$)
Energy balance: $E_{Ab} = E_{Zu} - E_S - E_D \leq 100\%$

Efficiency $\eta = E_{Ab} / E_{Zu} - E_S - E_D \leq 1$.

To start the MG, normally no starter-operation battery integrated in the system is required. In *classical* systems nothing moves by itself, but a MAGNETOR system has an energetic asymmetry at the start. Nevertheless, there is no perpetuum mobile which delivers unlimited energy (capacity in Wh is limited). At *trans-classic* systems for starting movement, there must exist a potential gradient (electric, magnetic, mechanical, thermal, gravitational), so self-organisation will work, otherwise a starter-battery is necessary.

High quality and reliability
High quality and reliability with long-term warranty when using the MG without mech. moving components.
No predetermined inspection intervals, i. no maintenance costs, only in case of malfunction of the MG after the warranty period.

With option 2: remote inquiry / remote diagnostics with smart meter.

5. MAGNETOR motor, type MFM o. MSM generates mechanical or magnetic torque u. Performance with moving components.

By converting the "permanent" magnetic force / energy field, the MM generates direct mechanical primary drive energy.

5.1 Using mechanically moved components (type MFM)

With the use of mechanically moving components, therefore, a mech. friction in the bearings with heat energy loss due to dissipation of heat (E_D) and mechanical alternating stress-strain work in the components.

The start, stop, as well as the regulation takes place via modulation / switching and control of the magn. force / energy field with a mechanical field modulator (FM). The modulation modulation / switching control energy consumption takes place at a relatively low share ($E_s = W_s$ approx. 1% - 10%) of the energy output (energy dissipated).

5.2 Without use of mechanically moving components (type MFM)

As an alternative to the FM, a magneto-dynamic variant (FE) with electrically controlled field modulator can be used, see above.

5.3 MAGNETOR motor type MSM

By swing-by technique is in repulsion and attraction of the working / transducer magnets - due to the magnetic self-organization with butterfly effect - within a magn. vector potential difference performs magnetic work that is coupled as mechanical work. In this type of engine, a FE or FM can optionally be used to start, stop or control the work to be carried out or the otherwise automatic rotation of the MS.
The execution here is too complex at this point, we refer to booklet 4 and book 1.

5.4 Energy balance / energy efficiency

The same explanation applies to MM and MS as to the MG.

6. No emissions / electro smog and no operating costs (no consumables are used)

Ecological and economic requirements can be fulfilled at maximum.
Therefore, no environmental impact during operation of the MAGNETOR systems and no purchase of supplies, heat or electricity necessary.
Calculable constant electricity price at MG without price fluctuations or price.

7. Unrivaled price-performance ratio, € / kW (retail price = 1,000. - to 200.- € / kW, depending on machine variant / principle, use and quantity) without risky price model - therefore fast amortization of the investment.

We could name the reasons here very extensively. The fact is that a MAGNETOR generator or motor purchased only once and therefore only once the purchase price must be amortized - ongoing operating costs are indeed due to the virtually permanent magnetic field as an energy "source" not on.

And with such large numbers, anyone can buy such a cheap device - subject to the fact that the prices for permanent magnets (the energy "source") do not go through the roof, having understood their energy potential.
With appropriate quantity by a large series production a price of 1.000 - 500 - 200 € / kW is quite realizable, thus a 10 KW-system (house) once for 10.000 - 5.000 - 2.000 Euro without a risky price model to use.

8. Mobile and stationary use with high energy / power density (up to 1.3 kW / kg); Micro to macro systems with power from mW over kW to MW can be realized.

Unlimited application and usage possibilities. From use in mobile phones / charging stations, computers, computing / service centers, machines of all kinds, in-house energy supply of houses and factories, as a drive for e-bikes, e-scooters, e-cars, e-bus, formula e , E-Engines, E-Aircraft, E-Helicopter, E-Air Taxi, E-Drones, E-Railways, E-Ships, Water Pumps, Desalination Plants, E-Tools, E-Machine Tools, E-Construction, E Agricultural machinery, washing machines, refrigerators, air conditioners, heaters, electric propulsion of satellites, splitting of water into hydrogen and oxygen, energy for photon / ion drives, etc. etc. up to large power plants, i.e. from mW to many MW and GW power plants.
We can't list all the thousands of applications: Everywhere where energy or drive power is needed, license sections can develop, produce.

9. Top technology for decentralized self-sufficient primary energy generation and world climate protection

... with immediate compliance with the requirements of the energy transition and world climate protection goals (CO2 and NOx emissions, particulate matter / nanoparticles and temperature rise), i. e. also a near-term elimination of smog in large and mega-cities with the accompanying health damage (cancer). And this within the framework of a positive overall energy balance, including the production of magnets and MAGNETOR systems, because the magnets can be reused as a quasi-permanent energy "source".

10. Global unique selling point with world market potential - combined with ESG: Environment, Social and Governance.

"Science is the first productive force"

The result: The conversion of the practically permanent magnetic force / energy field into useful energy is the strategically most superior and most convincing primary energy supply for the future world, because it is harmless, clean, safe, sustainable and universally applicable everywhere and usable - it to use is at the same time a peace dividend with departure to the power / energy field age - with primary energy in abundance - because of c2 over millennia.
Great discoveries and inventions bring about large markets, net jobs and high returns from value chains, making market leadership possible through pioneering players - combined with ESG: Environment, Social, Governance.

5.0 Paradigm Shift through Space Energy

Who the practically permanent magnetic force and energy field of permanent magnets or superconducting magnets with quasi-permanent high energy density in magnetic force a. energy field batteries uses and on the other hand this magn. field as a primary energy "source" with an efficient energy conversion by the MAGNETOR generators into

electrical, or by MAGNETOR motors dominated in mechanical primary energy, not only shows a conclusively fundamentally new view and method in the energy Technology, but at the same time also brings about an economically and ecologically revolutionary energy transition and world climate protection, including much better air quality and preventable health problems, and a reduction of resource consumption - towards a general, reliable and fundamentally sustainable, emission-free, secure, decentralized self-sufficient and inexpensive global primary power supply in all stationary and mobile.

At this point, we also point out the significant risks of electricity supply from external, external energy via public networks:

On the one hand in natural disasters such as earthquakes, hurricanes / tornadoes / typhoons / monsoons, tidal waves, etc., the power grid for the supply of mobile phones, Internet, freezers, elevators and petrol stations for the fuel supply in a mass evacuation fails.
On the other hand, in the required e-mobility, the houses and communities do not have the necessary network capacity - when many e-car batteries are charged at the same time creates a power blackout - without huge electricity infrastructure investments, this problem can not be solved, apart from the power lines to lossy transport of externally "generated" offshore energy with the electro smog of the lines.
Furthermore, the raw material problem for the necessary many batteries unresolved (cobalt in Congo. Lithium, etc.)

Comment on alternative systems

The wind turbines with drop shadow, infrasound and wake turbulence, natural gas condensing heating, electricity generating cogeneration, solar thermal energy (tube / flat plate) plus natural gas condensing heating, gas heat pump / absorption gas heat pump, fuel cell (reversal of electrolysis with hydrogen and oxygen), as well as the insulating fury of buildings, do not solve the energy supply fundamentally, but only selectively and partially.
In addition, in the case of natural gas and LPG plants there is the constant dependence on the producer and the supply chain, i.e. the reliability of delivery and the repeated repeated payment of gas operating energy in the event of price fluctuations as well as the exit from the carbon age due to gas use and emission.

How should under the a.m. The basic conditions for energy supply in countries such as China, India, all of Africa and South America - we only want to point out the ailing power grid into the USD.

After the hurricanes and earthquakes involving millions of people and households, as well as firms and factories without electricity, every citizen must be clear and aware that only a local, off-grid self-sufficient intrinsic energy "source" is strategic, fundamental and problematic can and will solve fundamentally.

The key quasi permanent magnetic-intrinsic power and energy through the MAGNETOR systems without any radioactive and other radiation but consistently opens up a completely different epoch of energy.

6.0 Agenda

On the use of virtually permanent magnetic force a. energy field follows the fundamentally secure and significant transformation of world primary energy supply and world climate protection with significant improvements in air quality and preventable health problems - and also think about the causes of flight caused by millions of people due to climate change (IMF) - all in the context a positive overall energy balance, including a reduction in resource consumption.

Realization of the innovation from the project to the product

True to the motto "from theories to technologies", the Space-Energy-Project serves with a clearly defined plan, on the one hand for the practical verification of different basic MAGNETOR generators and motors - especially according to customer order and specification -, and on the other hand, according to empirical proof of function with quantified energy balance and energy efficiency, controlled and verified by a report and confirmed by an appropriate certificate to eliminate any doubt from outside third parties through the judgment of independent third parties, to realize appropriate purpose-oriented prototypes. Then the testing takes place to prevent technical failure, because quality and reliability have the highest priority.
Thereafter, a series production, also as a contract or license production with third parties, take place.

7.0 Involvement of Pioneers

The range of application and application of these inventions are so exorbitantly large, according to a rational diagnosis of the present, that this market potential can not and does not stand alone. We therefore want to base the opportunities and risks of the Space-Energy project with MAGNETOR systems, an energy future of a different kind, on several partners; All involved can thus generate new sales potential, paying attention to profitability. Globality, innovation and digitization (Industry 4.0 plus Life 3.0 with AI systems) are driving growth. Attention must be paid to frugal engineering (simple, robust and cost-effective products for developing and emerging countries), because premium variants as high-end machines are only suitable for industrialized countries.

Our focus and a clear signal for this great and epoch-making challenging task is therefore that you support us as a pioneer in our offensive to the next evolutionary stage of a truly fundamental energy transition with true climate protection - also in your own interest. The consequence: revolution of the energy industry with conversion of external outer energy "generation" with risky current transport over power grids (sabotage / terrorism) to exclusively internal intrinsic, safe, self-sufficient and practically permanent primary energy supply, thus where the energy actually and effectively used.

In a nutshell, the revolutionary energy supply flows in the polarity of intrinsic vs. external energy "generation" & -Care; to this polarity today an analogous example to the

polarity at that time with the rethinking and the change between alternating current (Tesla) vs., DC / (Edison) - known as "electricity war".
We therefore invite you to examine the project so that no charge of deception and error as well as a financial loss arises and then with your serious intention as a customer, sponsor, investor, licensing partner, JV partner to participate in the implementation of the project in a product - for the benefit of both partners and worldwide customers / users.

If you do not set big goals, you can not achieve them either, so
"Think big," because after "big science" follows "big business."

8.0 Disclaimer

With this publication we present the principles, use and application as well as the ecological and economic benefits of the MAGNETOR Space Energy Systems.

This Exposé is not a public issue prospectus but serves only to provide qualified project information to potential pioneer partners, taking into account all risks, opportunity and associated responsibilities.

We expressly point out the financial, economic, technical, legal, judicial and political risks.
Italic texts are not based on our original offers.

6.
SETECH-MAGNETOR vs. E-Battery

There is a significant difference between the current situation and the perspective of the auto industry and the aircraft taxi manufacturers, in particular the Li-battery and its cell production and the predicted energy density of the future solid-state battery vs. the possibilities of the Space Energy Technology SETECH with MAGNETOR- systems (generators and motors/engines):

E-Battery

Both the Li-battery and the solid-state battery have two very important disadvantages:

a) They must have a high energy density and a high electrical capacity to be suitable for a suitable range (besides low cost).
The bottleneck: You can't fill more than one electron in an e-barrel, as the capacity with the saturation limit of the storage material allows.
The chemists blame the managers here for chemical potential to ensure further financing for the further development, as is often the case with the funding pots.

b) In principle, the electrical energy - the electric current (electrons) - must be "generated" somewhere outside, in order to load it over a lot of transport routes into this electric battery (the e-barrel), where it will be again is taken out for operation as costly operating energy.
The process corresponds to a chemical reaction in the battery.

Zeit Online Electric mobilityt, Dirk Kunde, Nothing but chaos,
15. September 2019
Complicated charging at public columns - the chaos at the charging

columns:https://www.zeit.de/mobilitaet/2019-09/elektromobilitaet-elektroauto-ladesaeule-infrastruktur-verkehrswende?utm_source=pocket-newtab

"The store is too often a nightmare for users."

"Just as you can make phone calls in various countries with just one SIM card thanks to roaming, you only need one charging card for the different pillar operators. So much for theory - because there is no single roaming provider that combines all the charging points in all the countries. So it's better to have several charging cards with you".

"But charging by time is not a fair solution either: time is an unfair billing basis,because electric cars charge at different rates.

Zeit Online Elektroautos, Christoph M. Schwarzer, Loading is not refuelling, 9. September 2019
It will be important how fast the battery is full. This depends on many factors.
https://www.zeit.de/mobilitaet/2019-09/elektroautos-ladestationen-batterie-stromverbrauch-ladezeit?utm_source=pocket-newtab

"How quickly a car charges depends primarily on the charging capacity. It is expressed in kilowatts (kW). As a rule, modern battery electric cars have two maximum specifications: one for alternating current (abbreviated AC for *alternating current*) and one for direct current (abbreviated DC for *direct current*).

"Heat and cold affect the loading capacity"

"This is because the maximum DC charging capacity specified by the manufacturers cannot be maintained permanently by battery electric cars. At the latest when the battery is 80 percent full, the software reduces the power in favor of durability. At the latest when the battery is 80 percent full, the software reduces the battery life in favor of durability. Most of them sooner. Several electric cars such as the Nissan Leaf do not have active cooling. Because the battery heats up during charging, the charging speed drops significantly after the second quick charge on a long distance journey with the Leaf. It can then take an hour to get power for another 100 kilometers of highway.
This phenomenon has become known as Rapidgate in the electric car scene. It considerably limits the usability on long distances and by no means only affects the Nissan. Many electric cars slow down under heat stress.“

"In addition to too high temperatures, very low temperatures also reduce the charging power. The service life is therefore extended."

"In summary: When charging with alternating current - at home on the wallbox, at the employer's or at many public charging points - top speed is not what counts in everyday life. Owners who want to use their electric car for short distances can sit back and relax. On the road, on the other hand, at the powerful DC charging points, it can be difficult and tiring".

Space Energy Technology SETECH with MAGNETOR-generators/-motors

The essential operating and technology facts:

a) The SETECH systems are physical power plants and not chemical reactions;
the magnetic field of the electron in the atomic shell is used for energy conversion into electricity or mechanical torque / power.

b) The SETECH MAGNETOR systems are self-sufficient (autarkic), i.e. there is no electrical power supply from outside, so the range of cars, trains, airplanes, ships, etc. is practically unlimited.

Nevertheless, the systems have to be maintained, because no technical system lasts indefinitely.

c) The cost factor of the constant cyclic supply of electrical operating energy into the batteries is eliminated as well.

d) Only the maintenance costs remain the same as with any machine.

7.

Transport-Systems with SETECH-MAGNETOR drives

As described in principle in the documents SETECH-prospect, -Exposé and Dossier, there are several variants to construct a engine for vehicle drives (power train) and to realize as a product.

1. Direct drive

1.1 Reciprocating / hub piston engine

Analogous to the classic combustion engine (gasoline, diesel), defined as a heat engine, a MAGNETOR engine is used for direct drive.
There is an engine with trans classic AVC crank mechanism, pronounced as a reciprocating engine, and a engine with rotating magnetic piston.

In the "trans-classical" type reciprocating engine with AVC crank mechanism (AVC = auto-variable crank mechanism), the magnetic piston is held at the top dead center of the crank mechanism, i.e. at UDP = 0 ° crank angle, until the crank pin has reached 30 ° crank angle. This procedure guarantees a large force transmission with a large lever arm. The result: correspondingly large torque in contrast to the "classic" crank mechanism, in which even at 30 ° crank angle already most of the combustion energy is lost - see classic p, V-diagram with combustion process - the saving anchor here is the downsizing with high speeds, in order to have reasonably a drive performance at full load and part load available.

It is still important that the work (force times path in the F, s- or p, V- diagram), from UDP (0 °) to LDP (180 °), as well as from LDP (180 °) to UDP, (0 °) – the internal combustion engine, in contrast, has only one working stroke from UDP to LDP (UDP: Upper Dead Point, LDP: Lower Dead Point).

1.2 Rotation engine

A second variant of the direct drive is a engine with rotating piston.
Connoisseurs will immediately see that here the magnetic force is introduced tangentially, which significantly less torque is available, as in the reciprocating engine, in which two repulsive magnets (stationary magnet + magnetic piston with connecting rod) are very close. The rotating one engine system is therefore suitable for high speeds and high power, less for high torques.

Such rotary engines can also be designed as wheel hub engines.

1.3 Engine characteristics

As we at the a.m. recognize the desired engine characteristics is the crucial design / marketing specification: For what purpose does the engine serve - how should its torque and its performance unfold and at what efficiency (energy balance)?

2. Indirect drive

A second, much different drive design is that of a coupled system between the energy converter generator and the drive motor

2.1 Generator

A generator has either rotating components and generates at constant speed an electrical voltage (electrical voltage of 48 V to 800 V, depending on the desired power), or it consists of a generator without rotating components.

Note on the batteries / accumulators

- low-voltage battery 48 V, high-voltage battery 400 V to 800 V.
- Charging times: max. 100 kW charging power can't be calculated in a linea manner.
- Battery power: Battery capacity max. 48 - 60 - 90 kWh.
- Temperature control: When charging the batteries, the temperature must be managed.
- Shelf life: The shelf life of the batteries / high-voltage batteries is limited.
- Battery mass: The batteries are heavy, up to 500 kg.
- Extraction of raw materials is energy intensive.
- problem of environmentally sound disposal in mass production.

Definitions

Electrical engineering: Electrical power P_e of an electric motor, electric current I_e, electrical voltage (electric potential) U_e, power formula $P_e = U_e \cdot I_e$.

MAGNETOR technology: Magnetic power of an M motor/engine P_m analogous to the electric motor, magnetic current I_m, magnetic voltage (magn. potential) U_m, power formula $P_m = U_m \cdot I_m$.

The generator can consist of a compact integrated magnetic-electric unit or separated from a classic arrangement with MAGNETOR motor/engine for generating the speed and torque and an electric generator.

In any case, an electrical backup battery is needed, from which the required drive power can be retrieved with thick copper cables.

2.2 Drive engine

There are also different concepts here:

1. Central drive

As previously described, a drive motor (front or center or rear) is used to drive the vehicle.

2. Wheel hub engines/motors
For special applications, this arrangement can be effective.

3. Summary

There are many transportation systems: passenger cars, trucks, buses, vans, construction machinery, agricultural machinery, etc.

8.

Booklet 2: DOSSIER

Space-Energy Technology

The one who masters the space energy is ahead of the times

The green Energy Technology

Additionally, to the Exposé detailed description of the project

For cooperation with potential pioneer- customers, partners and investors.

Table of Contents

7.4 Options for action
7.5 Job engine
7.6 Technology compass, direction of energy evolution, social & cultural values

1.0 Explanations on science and economics as well as on definitions of terms and theories

1.1 Examples of "Science is the first productive force" A small excerpt of significant discoveries and inventions:

- Classical Physics: Galileo Galileo, Isaac Newton,

- Calculus: Pierre de Fermat, Isaac Newton, Gottfried Wilhelm Leibnitz,

- Faraday disc generator with permanent magnet and external excitation,

- Dynamoelectric Principle with self-excitation by iron core and coil: Werner von Siemens (1866), founder of electrical engineering,

- AC, three-phase, transformer: Nicola Tesla,

- Special and General Theory of Relativity: Albert Einstein,

- Quantum physics: Max Planck, Werner Heisenberg,

- Jet engines: Frank Whittle (radial engine), Hans von Oheim (axial engine, Heinkel H178),

- Propulsion systems: Nicolaus August Otto, Rudolf Diesel,

- Fission / Nuclear Power: Otto Hahn, Liese Meitner, Marie Curie.

1.2 Definition of Terms and Theories Proofs: Theory before Empiricism "and" From Theories to Technologies "

- Alessandro Volta: Discovery of the electric battery,

- Hans Christian Örsted: discovery of a magnetic force perpendicular to the current flow in the circular conductor,

- Henry Augustus Rowland: Discovery of the mechanically induced electric currents,

- Michael Faraday: Discovery of magnetic induction,

- James Clerk Maxwell: Theory of electromagnetic field laws for the structure of the field,

- Heinz V. Wenz: Invention of MAGNETOR systems consisting of magnetic force- and energy field batteries (magnets) and field modulator (FE, FM), or without field modulator with swing-by technology, both types for use in M-generators or M-motors.

2.0 Realization of Innovation: From Project to Product

2.1 Change of Paradigm through Space Energy

The revolutionary MAGNETOR technology with its magnetically virtually permanent generator and motor variants leads to an epochal paradigm shift in energy supply due to this fundamental innovation, i.e. a general change of thinking and acting - from eco-inefficiently old to eco-highly efficient fundamentally new - with an ecologically and economically sustainable, clean, safe, safe and self-sufficient energy supply for everyone - worldwide.

Compare the principles of heat pumps (energy "source": earth, water), solar cells (energy "source: sun) - an energy conversion from the ambient energy or the energy conversion of internal energy from nuclear fuel rods (but with radioactive radiation) to the intrinsic (internal) energy with energy conversion in MAGNETOR systems - and draw the conclusions.

In our principles of energy conversion, the very strong "ambient" magnetic field (source: magnets with space energy between the magnets) is used.

2.2 Methodology

We work interdisciplinary according to the method "from theories to technologies". W.a.w: Only if one has understood the machines as systems in their mode of action and can explain them via a theory, on the other hand can one - controlled in the light of this theory - develop, produce and mass market predictably functioning products with high quality, reliability and sustainability , as well as their operation. However, "predictable" does not mean deterministic thinking in the sense of classical physics, but thinking within the framework of the probability of quantum physics

A striking example of this successful and world-changing method: Without Albert Einstein's special and general relativity theory with the introduction of the relativity of time, the GPS navigation system would not be possible: The coordinates in the navigation system would be fundamentally wrong!

To the unity of the methodology we can recommend very profound literature.

2.3 Discoveries and inventions

Nature has left "gaps in knowledge" to science and technology, which it has been to be discovered and invented through the present innovation via a theory (explanation) The spiritual creation process creates evolution!

In the present case of the MAGNETOR systems, the gap is due to the "path transformation" of magnetic force and energy fields and the "butterfly effect" (small cause - large effect), both of which have an effect on modulating or switching the field through the Field modulator - in the MSG / MFM system, this effect occurs through magnetic self-organization. And now this discovery and invention should be implemented in various products with many different applications.

2.4 Status of MAGNETOR-Innovation

The innovation is in the status of a finished theory, i.e. also verified by a fundamental experiment (experimentum crucis) and documented with 10 different MAGNETOR systems in the manual for the construction of MAGNETOR systems.
That all theoretical R & D preparatory work is completed by concrete engineering definitions; Based on this, concrete specified products can now be designed, calculated, developed, tested and produced as well as marketed.

Marketing Actions

Due to the global climate protection goals and the status of the MAGNETOR innovation, it is important to act immediately, since we alone cannot realize and bring to market the tens of thousands of different applications (capital resources, manpower, machinery, factories, etc.), Therefore, the following cooperation, sponsor, investment and delivery offers are made.

Prototypes and series machines are designed, calculated, developed, tested and produced according to a customer specification / requirement profile and an order.

3.0 Cooperation

3.1 Opportunities and Risks

However, due to the very well-grounded methods and the exorbitant economic opportunities of this space-energy technology for all global project partners, our partners, customers, and users must also be aware of the risks of implementation from project to product to market and consumers. Therefore, only those partners, customers, and users will cooperatively work on the implementation, who, after reading the documentation, do understand, accept and promote our assertions concerning the functionality and effectiveness of the MAGNETOR systems, as well as with their own competence and positive evaluation have their own corporate goals. In addition, they must have the necessary free risk capital capacity and use it for this purpose.
We will be happy to arrange a license agreement with you with usual terms and conditions. You can check the functionality in a first step - after a successful verification by magnetic finite element calculations with a hardware functional model will then fully implement the agreement. In any case, we do everything in our power to minimize your and our financial risk, and to maximize the result, so that the subsequent economic actions are on a safe foundation.

3.2 Special rights / conditions

However, the current state of our MAGNETOR technology is also a good time for smart early commitments with special rights / conditions - limited in time until the end of 2020. It therefore requires you to match existing / approved financial condition and deci-

sion behavior, paired with risk-taking, foresight, courage, mental energy and the will to assert oneself.

3.3 Project Promotion

We are confident that many customers, cooperation and licensing partners, as well as open-minded, forward-looking sponsors and investors, are interested to promote our innovation to the global energy and climate change of another kind, picking up this innovation and moving it forward with us - so our assessment.

3.4 Joint-Venture

For joint venture projects with suitable objectives and framework conditions, we are also open to your suggestions.

3.5 Pioneer-Investment / -Sponsoring

For joint venture projects with suitable objectives and framework conditions, we are also open to you. You are also invited as a far-sighted and future-oriented pioneer investment and sponsor partner with a financial and also an economic promotion of the project to build up considerable financial, technical-scientific and human resources, which may well result in market strategy and added value for you. The goals are: The defined big challenges for experimenta crucis (see documentation), proof machines, verifications, product development and marketing.

Note:

In principle, every investment is subject to a 100% risk and total loss because the risks are of financial, economic, technical, scientific, political, legal and legal nature.

The currency risks must also be considered. Basically, the investment is highly speculative.

Investment funds must have a clean "history of funds", in case of a person of 5 years, and in case of companies according to the latest regulations up to 30 years. Due to compliance and its obligations, we only accept a current bank-certified proof of capital, which then serves as the basis for a contract.

4.0 Offers

4.1 Marketing

For an administration fee we offer you a comprehensive Power Point presentation, consulting, training, (also in-house) and management with nationwide customer care.

4.2 Introduction to the MAGNETOR technology

Before a presentation and before a request for an offer, the study of our introductory documentation, at least booklet 1 - 3, is imperative, so that you understand the operation and scope in a first reading (not really understood) so that you can have a qualified dialogue with us about the facts.

4.3 Specification / Requirement Profiles

We offer you intelligent special solutions - please let us know your specific needs by mentioning the quantities via a performance specification / requirement profile.

4.4 Offer

After a personal interview and a presentation with subsequent discussions and the existence of a specification / requirement profile, we would then like to make you an individually designed offer against a bid-cost package which will be drafted by a law firm qualified for economic and JV contracts.
For lead investors other special rights and conditions will apply, if they sign up prior to the end of 2020.

4.5 Know-how

Documentation Book 1 is adequate for customers and partners who have read the introductions and want to further understand and examine the MAGNETOR technology, as well as to pursue their own development / production / marketing via know-how and license agreement.
Presumably, there may also be customers / interest groups, which are interested in pure scientific-technical issues. However, our primary target groups are individuals and companies that have a professional business goal.

4.6 Realization

With a customer specification or a requirement profile / requirement specification, a project for the execution of a project until delivery of the defined products, this project with implementation, verification and approval steps defined in the contract (extensive magn. Finite Element Model calculations (FEM) and other calculations, real-function model verification, prototype, testing) to a marketable series product realized, with the possibility to organize and realize the mass production as a general contractor.
In any case, product liability requires extensive verification and certification steps.

4.7 Order processing for a project and its payment

For offers applicable to our terms and conditions (AGB`S).

Details for a planned commercial cooperation.

10 Steps from the project to the product

Development MAGNETOR-Systems: Basic-Generator and Base Engine venture capital, development budget and times have been estimated.

Here an example of a 10-kW machine.

Option: Other smaller or larger machines.

Details for a planned commercial cooperation.

4.8 Development / production by license partner

Based on the development of MAGNETOR systems, after the study of booklet 1 and 2, booklet 3 and 4 and Book 1: "The technology of MAGNETOR systems" is absolutely necessary - the amount of the purchase price depends on the nature and extent of the Cooperation.

Seminar

We recommend at least a 5-day introductory seminar for the development team before partner development.

Details for a planned commercial cooperation.

5.0 Information

5.1 Risk Warnings

Fundamentally new technologies not only entail great economic opportunities, but also risks that should not be underestimated, such as: e.g.:

- Risk of correct realization of the project up to the marketable product (development, production, testing, quality, reliability with the system functions, capabilities, features and properties described in the documentation).

- Risk of injury in case of incorrect, improper and proper handling of the individual very strong magnets.

- Economic, financial, political, legal and judicial risks in each country.

- Risk of successful market introduction and marketing by politics, judiciary and irrational economic opponents of this technology.

- Risk of financial and economic losses during product realization and its market launch as well as marketing.

- Risk due to incorrect use, use and / or operation of the a.m. MAGNETOR systems / products.

Read the project descriptions (documentation) and ask your competent legal, tax, economic, technology and physics consultants.

5.2 due diligence

To the a.m. to reduce risks, customers, partners, sponsors and investors as well as users must question the situation and carry out corresponding preventive checks and verifications that meet the high demands of the above-mentioned. MAGNETOR systems / products comply with the law.

For investments and financial transactions, compliance measures with the principle of due diligence and money laundering prevention must be observed.

6.0 Hard Facts

Us for pioneering customers, partners and users

6.1 Ecological benefits & benefits

- No emissions, neither CO2, NOx nor particulate matter, no electro smog and no radioactivity.
- Clean-Energy-Technology = green energy technology.
- No use of operating / fuel of any kind, so no fossil fuels and no electricity from Public networks.
- Careful compliance with the guidelines for energy / climate change.

6.2 Economic Benefits & Benefits

- Practically permanent primary energy "source".
- Direct, self-sufficient primary energy.
- Sustainable solution for worldwide energy supply.
- Unrivaled value for money (€/$ / kW).
- Fast amortization of the purchase price / investment.
- No operating costs, as no operating fluids are used.
- For MAGNETOR generator without moving parts: Inspection / maintenance only for service order.
- For the MAGNETOR motor with moving parts: periodic inspection / mainte nance with service costs.
- High energy / power density (J / kg, kW / kg).
- Easy operation of the systems.
- Remote inquiry (smart meter) and remote diagnostics feasible.
- Nationwide customer care.
- Comprehensive power point presentation, consulting, training, management.

- Detailed documentation in manual 1 on magnetor technology.
- Great revenue opportunities for pioneering partners.
- Economic benefit and job engine.
- Unique selling proposition and world market potential.

7.0 Agenda

7.1 Summary

We were able to present you with the 10 facts the project and product possibilities via proposals for cooperation, joint ventures, pioneer investments / promotion, as well as offers for the supply of MAGNETOR systems and the associated project documentation in a first presentation. In addition, we invited you to a preliminary examination of the project / project at the same time

7.2 Objektive

The global climate change goals and our fundamental innovation for decentralized and self-sufficient primary energy supply via stationary and mobile systems coincide at a time when an epochal paradigm shift in the guiding principles of global energy consumption culture and emissions through new thinking and acting is imperative.

7.3 Target Group

Due to the completed R & D preparatory work, considerable financial, technical, scientific and human resources are now required for the transformation into products.

And because in such a short time no such large manpower and production capacities / factories can be built for tens of thousands of different applications, it makes sense to market the MAGNETOR know-how via the usual market license agreement, so that the licenses available to the license partners Development, production and marketing capacities can be used immediately. It goes without saying that customary and fair Terms & Conditions are the measure of successful cooperation in such agreements.

Our forecast: After publicizing the proven, proven environmental and economic benefits and features of this MAGNETOR technology, demand will increase significantly - especially after demonstrating prototypes at trade shows (most people believe only what they can see and touch) - and then we must or should be able to serve these quite exorbitant quantities.

We therefore address pioneers with our initiative and offensive action, leaders in science, business, politics and banking, as well as NGO's. In their own ecological and

economic interests, this group of people was to implement new value-added opportunities and sales potentials, including economic benefits, and generate considerable economic benefits from the proposed strategic objectives together with us. In this respect, it also creates an exemplary role model function with a holistic effect on their own image and the value of the corporate brand. Although early entrants have a greater risk, but also the greater opportunities to determine the market and to fill the shelves before the latecomers.

Of course, wealthy individuals are also welcome as potential pioneer investors / sponsors, as they could generate added value with their pro-eco approach and their network, as well as make a difference within the application of current classic energy systems and change accordingly - the same applies to family offices.

The future lies in the trans classic space-energy MAGNETOR systems with intrinsic magnetic energy.

7.4 Offensive Options

Enough of the big words, we move to action to claim and you have the development option to develop this fundamental innovation with a predicted exorbitant-high market potential and tens of thousands of new applications that are associated with your business. Consider also the security strategic implications and sabotage of electricity networks, as well as the independence of energy imports.

To forgive reality. In any case, we are very prepared and prepared for this challenge.

Enough of the great words, we go to deeds to forgive claim and reality. In any case, we are very prepared and prepared for this challenge.

We look forward to your in-depth contact and, due to your acceptance of this project of a special kind, also to a constructive dialogue, combined with your entrepreneurial commitment to a common economic success - ESG has a high priority for us.

7.5 Job motor

In the long term, progress can not be stopped with this fundamental innovation - see fact point 10 - and at the same time people on the labor market have to benefit from this innovation via job motor (net jobs). These insights and attitudes belong to the ESG principles of our enterprise, i. Social skills and education are also required because innovations have no end in themselves. These are important arguments for workers' representatives, who are in the "boat" of a big company and stand for a social balance. Assets committed

7.6 Technology compass, direction of energy evolution, social and cultural values

Finally, we come back to point 10 in the facts: with the compass of the MAGNETOR technology, an energy revolution towards the use of space energy can take an absolutely new direction in global energy evolution, if in the aftermath of change the general cultural values, combined with social and political responsibility, serve as a guiding function.

The keyword for implementation is "impact investing". That Investment strategies that combine economic, environmental and social returns. Investments with strong sustainability and transparency are key words for our partners.

Our MAGNETOR technology implies significant economic growth and wealth potential for all world citizens.

Remember the motto of World Environment Day 2015:

"Seven billion dreams. A planet."

We look forward to receiving your esteemed and in-depth contact and feedback. We look forward to welcoming you to the MAGNETOR innovation plus other Space Energy System innovations, resulting in many years of successful, intellectual and economic co-operation.

The **Energy and Climate Change to the Energy Field Age can NOW begin** - after the Carbon Age – with the **SETECH Magnetor Systems**.

Synergies are strong - be our pioneering partner!

Contact / Imprint

EMI Technologies

Energie - Matter - Information

Disruptive Innovationen & Technologies

Space-Energy Technology

The one who masters the space energy is ahead of the times

The green Energy Technology

With this publication we present the principles, use and application as well as the ecological and economical benefits of the MAGNETOR Space-Energy-Systems.
This dossier is not a public emissions prospectus, but serves exclusively as qualified project information for potential pioneer partners - taking into account all risks, opportunities and the associated responsibility. We expressly draw attention to the financial, economic, technical, legal, judicial and political risks.

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