

Kondratieff-cycle as a new space energy modality

Space energy technology (SET) utilizes the untapped renewable space energy (SE). SET is the most advantageous way to make the energy supplies worldwide sustainable. A new Kondratieff-cycle could begin soon and help to get out of the current economic crisis.

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Kondratieff-cycle

plenty of energy worldwide

sustainability and environmental protection worldwide

by means of space energy technology (SET)

Ladies and Gentlemen!

Space energy (SE) is a renewable energy. It is **available everywhere**, it is **always available** and it is available in practically **unlimited quantity**. It can be used by means of **Space Energy Technology (SET)**.

The wide-spread introduction of SET-devices (and related procedures) can produce a long-run economic upswing with protection of the environment, a so-called **ecological Kondratieff-cycle upswing**. This is much more than a business cycle upswing.

A Kondratieff-cycle is caused by the wide-spread application of a **path-breaking new technology**. Previous Kondratieff-cycles were made possible by the steam engine, the railway system, the electricity, the automobile and, at last, the information technologies (computers etc.). By means of SET, the energy problem all over the world can be solved permanently, a new Kondratieff-cycle can become a blessing for all humankind and for our earth. The transition into the Space Energy age can begin soon, if many people become active for SET.

In spite of not being a physicist but an economist (mainly an econometrician), during the last 17 years I have been concerned more and more with Space Energy (SE) and Space Energy Technology (SET). I have attended scientific conferences about SE/SET around the globe and have visited research institutes related to SE/SET. I am convinced: **SE exists and can be used by means of SET**.

The development of SET towards wide-spread application has increased greatly during the last few years. We may be close to a breakthrough. I am convinced: Many failures in developing and commercializing SE-devices could have been avoided, if the inventors etc. had acted more intensively according to the theme: **"The secret of success is cooperation"**. Now a little more details about SE/SET.

Space energy (SE) is also called Neutrino Energy (NE), Vacuumfield Energy (VFE), Zero-Point-Energy (ZPE), Cosmic Energy (CE), Free Energy (FE) or Ether (Aether) Energy. SE is also related to Cold Fusion (CF) and Sonoluminescence. This previously unknown renewable energy can be **“harvested” by means of Space Energy Technology (SET)**.

SE-devices are usually based on **new theories** (still to be developed further), also **published in peer-reviewed journals** of (e.g.) mainstream physics and chemistry. For SE-related work of several researchers, the **Nobel Prize** has already been awarded. There are SE-devices (e.g. **prototypes**) which have been thoroughly **tested** by independent experts and/or in **replicated experiments**. Some SE-devices have already been **patented**. SE-devices are now subject to **developmental research**, some of them seem to be already **close to commercialization**.

With a solid theoretical foundation is a SE-device no perpetuum mobile. This is true in the same way as for other power stations. For example, a solar power station is no perpetuum mobile because we know that the energy “produced” comes from the sun.

SE-devices have **properties** which make them not only economically viable but even **highly competitive**: They **work permanently** (24 hours per day, all year) **and everywhere** (on Earth and in space). A **decentralized energy production becomes possible**. This is of very great importance for developing countries, where there is no energy grid yet. Relatively small units suffice, only little or even no storage of energy is needed. For the widespread use of SE-devices there are very strong incentives, especially the **large savings in energy costs**. This has tremendous economic, social, environmental, fiscal and monetary effects at various levels: for the individual consumer and producer, for local and regional governments and at the international level. The most desirable effect is that humankind can reach, at least as far as energy is concerned, **a sustainable development worldwide**, i.e. also in Third-World-countries. Of unbelievable advantage may also be SET-related procedures for the **transmutation of elements** (e.g. for reducing radioactivity and for producing new elements and/or materials).

The widespread introduction of SE-devices and related procedures can produce a longrun economic upswing with protection of the environment, a so called ecological Kondratieff-cycle upswing. This is much more than a business-cycle upswing. **The space energy age can begin soon and can become a blessing for all humankind and for our Earth.**

In **summary**: All developments in recent years taken together allow an optimistic assessment: The transition of humanity into the space energy age is moving closer. Then the widespread use of space energy technologies (SET) plays the central role. Of very great advantage for mankind may also become SET-related procedures for the transmutation of elements, for example for reducing radioactivity of nuclear waste and for producing new elements and/or new materials. The widespread use of SE will also allow poor developing countries to solve their energy problems now and forever.

SET will lead to **big changes** in the energy sector and in related sectors. For example, the current combustion-based energy technology can be strongly reduced. The traditional renewable energies solar, wind, hydro and biomass will receive strong competition. The transition into the SE-age will be associated with a major planning requirement, so that the advantages of the transition are maximized and the disadvantages of the transition are minimized.

The development and production of SE-devices can lead to many new jobs and many new firms. But it will also lead to a tremendous decrease in the demand for products and services of the traditional energy sector (including the renewable energies solar, wind, hydro and biomass). Therefore, **it is of great importance that firms and organizations of the present-day energy sector get rapidly involved in developing, producing and installing etc. SE-devices.**

This advice is also of great importance for **countries**. For example, oil and gas-producing and exporting countries will suffer from a severe decrease of demand for their products. The

disadvantages for these countries can be decreased the more, the earlier these countries get involved in developing and applying Space Energy devices.

The transition into the SE-age provides **excellent opportunities for investors**. The new Kondratieff-cycle will come, it can begin soon, if the necessary financial support is available. My advice: **Become active soon!**

Please, use the above information and pass it on to friends, acquaintances, leaders in industry and politics, in the economy and in science etc. Get active immediately!

Below you find references to sources of information about SE/SET and to related problems.

Best regards

Josef Gruber

Appendices

Brief information is given here about sources which provide information about SE, SET and related problems in English. Additional information (but almost exclusively in German) can be found in the 4 appendices to "Neue Hoffnung für unsere Erde" which is closely related to this article. You can see this, as a rule, under www.DVR-Raumenergie.de and/or www.FernUni-Hagen.de/FBWIWI/Gruber. Here you also find information about my curriculum vitae and some of my publications.

Appendix A

It contains mainly information about publications and lectures in German. Only the last source (Turtur) is available in German and in English.

1. My book on Space-Energy-Technology (SET)

Gruber, Josef. Raumenergietechnik (RET) – weltweit der vorteilhafteste Weg zur Nachhaltigkeit der Energieversorgung. Michaelsverlag, Peiting (Obb.), 2008, ISBN 978-3-89539-910-7. Preis: 49,80 Euro.

In spite of being written in German, the reader can find many publications in English, also from Russian SE-researchers like Philipp M. Kanarev, Juri A. Baurov and Lev G. Sapogin.

2. Tesla-Symposium in Vienna, Austria, 12. – 14. March 2010

Two lectures (in German) at this symposium you can see and listen free of charge under www.stanmer-akademie.de:

a) Gruber, Josef: Space energy technology – the challenge of the millennium.

b) Turtur, Claus: Theoretical and practical demonstration of vacuum field energy.

6 DVDs (ca. 970 Minutes) with 10 lectures at this Tesla-Symposium in Vienna (all in German) are available for a total of 29,95 Euro (including shipment in Europe) plus actual shipment cost to other countries. Order via internet: www.kopp-verlag.de/Tesla-Technologien.htm?websale7=kopp-verlag&pi=918800&ci=000086.

or per telefon: +49(0)7472-980610, order number 39-918800.

These 6 DVDs can also be obtained from Jupiter-Verlag (Adolf and Inge Schneider), Zürich (www.borderlands.de, redaction@jupiter-verlag.ch).

A type of long summary of the Tesla-Symposium in Vienna in written form in German is available in the NET-Journal, ¾-2010, pages 4 – 25 (see www.borderlands.de/inet.jrnl.php3).

3. Prof. Dr. Claus W. Turtur

University of Applied Sciences Braunschweig-Wolfenbüttel, Salzdahlumer Straße 46/48, D-38302 Wolfenbüttel,

Tel. +49(0)5331-939-42220

c-w.turtur@ostfalia.de

www.ostfalia.de/cms/de/pws/turtur/FundE.

Many publications of Prof. Turtur are available in **German and in English**: In his homepage (see above) you can find for example the following information:

“NEW: The fundamental principle for the conversion of the zero-point-energy of the vacuum is understood.

Part 1: Theoretical Fundament: DFEM-Algorithm to construct zero-point-energy converters systematically.

Part 2: A first example for a DFEM-Algorithm to construct zeropoint-energy converters is now available.

Part 3: A realistic example as an invitation to experimentalists to build it.

Part 4: A realistic 1.07 kW-ZPE motor with the size of a drilling machine.

All examples contain source-codes of a DFEM-algorithm for free download.”

The outstanding research work of Prof.Turtur deserves our full support.

Appendix B: Journals and Magazines about SE/SET in German

1. NET-Journal (www.borderlands.de/inet.jrnl.php3);
2. DVR-Info (www.DVR-Raumenergie.de; see also Appendix C);
3. Raum & Zeit (www.raum-und-zeit.com);
4. Matrix 3000 (www.matrix3000.de);
5. Magazin 2000plus (www.magazin2000plus.de);
6. Nexus Magazin (www.nexus-magazin.de);
7. Mysteries (www.mysteries-magazin.com).

The NET-Journal began in 1996, always concentrating on SE/SET and related problems. The DVR-Info began (under a different name) after the foundation of the DVR/GASE in 1980/1981. It has always been available only for members of DVR/GASE (see Appendix C). In the other magazines listed above, the number of articles on SE/SET has greatly increased in recent years.

Appendix C

Here brief information is given about **organizations for SE/SET in German-speaking countries**.

1. Deutsche Vereinigung für Raumenergie e.V. (DVR) German Association for Space Energy (GASE)

Members of the Presidium:

President: Dipl.-Phys. Dr. Thorsten Ludwig, Berlin

1. Vicepresident: Prof. Dr.-Ing. **Konstantin Meyl**, Villingen-Schwenningen/Schwarzwald

2. Vicepresident: Dr. **Marco Bischof**, Berlin

Dipl.-Ing. **Horst Borowski**, Hamm

Dipl.-Volkswirt **Stefan Farwick**, Münster

Dipl.-Ing. **Andreas Manthey**, Berlin

Dipl.-Ing. **Adolf Schneider**, Zürich.

Honorary President: Prof. (Emeritus) Dr. Dr. h.c. Josef Gruber, Ph.D., Hagen.

DVR-office:

Bouchéstr. 12, Haus 6, 1. OG
 D-12435 Berlin
 Tel. +49 (0) 30/5331-2207, Fax: -2209
 E-mail: dvr@onlinehome.de
 Internet: www.DVR-Raumenergie.de.

DVR-members automatically receive the NET-Journal and the DVR-Info (see Appendix B above).
 There are also regional groups, in which GASE-members and other people interested in SE/SET co-operate.
 The DVR-membership fee is 120 Euro/year (students and unemployed etc. are charged 60 Euro/year).

DVR-Bank: Account 770 7888, Commerzbank Hagen, BLZ 450 400 42

Dt. Vereinigung für Raumenergie e.V. (DVR) / German Association for Space Energy (GASE)
 For transfers from abroad:
 IBAN: DE12 4504 0042 0770 7888 00
 BIC: COBADEFFXXX

2. Erstes Transferzentrum für Skalarwellentechnik

im Technologiepark Villingen-Schwenningen
First Transfer Center for Scalarwavetechnology
 Prof. Dr.-Ing. Konstantin Meyl
 Erikaweg 32, D-78048 Villingen-Schwenningen,
 Tel. +49 (0) 7721-51811, Fax: +49 (0) 7721-51870,
 E-mail: meyl@k-meyl.de
 web (German): www.k-meyl.de and www.etzs.de
 web (English): www.meyl.eu.

3. Raumenergie-Fördergesellschaft (RaFöG)/Werk- und Forschungslaboratorien

Steffen Finger and Carl R. Jachulke, Ginsterweg 22 and 24, D-78112 St. Georgen,
 Tel. +49 (0) 7724-917545 and -9164745,
steffen.finger@rafoeg.de and carl.jachulke@rafoeg.de.
<http://www.rafoeg.de>.

**4. Österreichische Vereinigung für Raumenergie e.V. (ÖVR)
Austrian Association for Space Energy**

President: Ing. Wilhelm Mohorn,
 Schneedörfelstraße 23, A-2651 Reichenau an der Rax
 Tel. +43(0)699-123 000 04, Fax +43(0)2666-53872-20
www.oevr.at; office@oevr.at.

**5. Schweizerische Vereinigung für Raumenergie (SVR)
Swiss Association for Space Energy**

President: Dipl.-Ing. Adolf Schneider,
 Balgriststraße 106A, CH-8008 Zürich
 Tel. +41(0)44 380 1207, Fax: +41(0)44 380 1208
 E-Mail: info@svrswiss.org, <http://www.svrswiss.org>.

**6. Schweizerische Arbeitsgemeinschaft für Freie Energie (SAFE)
Swiss Association for Free Energy**

President: Dipl.-Math. Elisabeth Lehmann,
 Fellenbergstraße 239, CH-8047 Zürich
 Tel. +41 (0) 44-4917242
 Fax: +41 (0) 44-4969799
e.lehmann@safeswiss.ch, www.safeswiss.ch.

Basic research on SE/SET is done in or supported by several of these organizations. I mention here only

number 1 above: DVR/GASE (Dr. Th. Ludwig/Prof. Meyl) and

number 2 above: First Transfer Center for Scalarwave-Technology (Prof. Meyl).

Compare with appendix A, number 3 (Prof. Turtur).

Appendix D

Here some important sources of information about SE/SET in **English-speaking countries** are listed.

1. Integrity Research Institute (IRI)

5020 Sunnyside Avenue, Suite 209, Beltsville MD 20705, U.S.A.

www.IntegrityResearchInstitute.org

email: iri2@comcast.net and iri@erols.com

Phone: 301-220-0440

Toll-Free: 888-802-5243, Fax: 301-513-5728

President: Thomas Valone

Director: Jacqueline Panting Valone.

In the internet one finds for example the following statements:

“Integrity Research Institute (IRI) is a nonprofit corporation dedicated to helping establish integrity in scientific research, primarily regarding the physics of energy, health, or environmental area.”

“Integrity Research Institute is committed to the revitalizing work of securing our future by investigating and documenting emerging energy technology that is eco-sustaining. Your tax-deductible assistance is invited.”

There are several types of IRI-membership. The cheapest is the individual membership: \$ 39 per year. About benefits of IRI members it is stated in the internet:

- **Future Energy Newsletter:** Mailed quarterly, this magazine keeps members up to date on the latest developments in emerging energy. Starting this past year. Future Energy has expanded into a magazine length bi-annual journal for members only!
- **IRI Catalog:** Annual list of IRI publications and hard-to find emerging energy books, tapes, etc.
Members receive a 10% discount on all purchases.
- **Frameable Certificate:** Institute’s declaration of the new member’s official status is suitable for framing to display his or her proud support.
- **Conferences:** IRI holds one energy conference every two years. Learn from the experts about breakthroughs and receive 10% discount on conference admission fees!
- **Future Energy Annual:** Mailed annually, this book is a great summary of the year.”

Future Energy eNews is distributed every month per email.

But even non-members of IRI have access to a very large quantity of extraordinary information. See www.IntegrityResearchInstitute.org.

2. Sterling D. Allan

PO Box 429, Mount Pleasant, UT 84647, U.S.A.

Home/Office/Cell: 801-407-1292; Fax: 801-880-8322

sterlingda@pureenergysystems.com, www.sterlingdallan.com
www.PESWiki.com.

This is an excellent source of information about finding and facilitating breakthrough clean energy technologies. Here follow some statements found in the internet.

“Current Focus:

- **CEO, PES (= Pure Energy Systems) Network Inc** – Cutting edge alternative energy technology promotion. Link includes list of recent articles authored.
- **Founder and Director, New Energy Congress** – Reviewing and ranking the best clean energy technologies.”

“PESWiki is guided by the New Energy Congress (NEC), a network of 50+ energy professionals who are dedicated to clean energy technology advancement. Both the NEC and Pure Energy Systems (PES) Network were founded by Sterling D. Allan, CEO. Many others knowledgeable in the industry also help make this site what it is – a movement for identifying and promoting the best clean energy technologies.”

“As of Tuesday, March 1, 2011, there are 3,885 articles on free and renewable energy that anyone can edit.”

There are several options for Newsletter subscription.

3. Further sources of information in English about SE/SET

a) **The Tom Bearden Website**

www.cheniere.org.

b) **New Energy Institute and New Energy Times**

Low-Energy Nuclear Reaction and Next Generation Nuclear Power. Steven B. Krivit.
www.newenergytimes.com.

c) **ZPEnergy – The Energy of the Future**

A News Portal dedicated to experimental research on revolutionary energy technologies.
www.ZPEnergy.com.