

## 2006 – Year of Global Sustainability Consensus

*2005 was again a record year of man-made disasters and health problems caused by unsustainable energy with millions killed by affluence, pollution and oil wars. Let 2006 be the year of united humanity to prevent such dangers*

### Our wishes for a more peaceful, fruitful year 2006

While global military budgets still absorb about one Trillion USD annually, not enough is done to protect humanity from the real threats – self-inflicted ones by wrong energy systems, abused arms and wrong consumption habits, as well as unpredictable ones from the gigantic forces of nature.

It is high time for decision makers to think about priorities. Instead of contra-productive military expenses aimed at killing each other, a lot more must be done for humanity by implementing more sustainable energy systems, building clean and safe vehicles, planting useful crops instead of drug species, installing early warning systems to protect humanity from spring tides and river flooding, advancing desert replanting, nutritional education against obesity, more anti-smoking campaigns and much better character education to eradicate and avoid the roots of aggression and terrorism.

Politicians and the people electing them have the power to put these priorities right. Voters electing the law makers and executives shall choose their candidates under these pragmatic criteria.

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#### ISEO speeding up the Kyoto endeavours

The uncertainty about the further steps after the modest 2012 goals of the Kyoto protocol and the lack of signatories from major polluters, representing about half of the world population, can and will be overcome by the developing global consensus on sustainable energy implementation, even by important absentees like China, India and the USA who are becoming big users of sustainable energy.

Market forces based on full-cost feed-in tariffs for advanced clean energy systems, intelligent building technologies and energy management systems, will soon make polluting energy sources obsolete. The worsening coal, petroleum, mineral gas and Uranium shortages, resulting in uncompetitive fuel prices for combustion engines and thermal power plants will open the markets for clean sustainable energy systems like floodgates, making wasteful conventional combustion technologies totally superfluous.

There are still false prophets who see a great fuel revolution, although all mineral fuel combustion is inevitably becoming objects of technical museums because of much too low efficiencies and their catastrophic environmental effects. More details about the end of thermal energy systems can be seen in the power point presentation "Overcoming the Fire" on [www.uniseo.org](http://www.uniseo.org) > News and Events.

#### Milestone Energy Conferences in 2005

Among the hundreds of energy conferences a few are highlighted here, which enjoyed ISEO support.

A remarkable **International Renewable Energy Conference** was held by the World Renewable Energy Council and EUROSOLAR in Bonn from 26-30 November, initiated by the famous solar energy advocate Hermann Scheer and his superb organizer and communicator Irm Pontenagel.



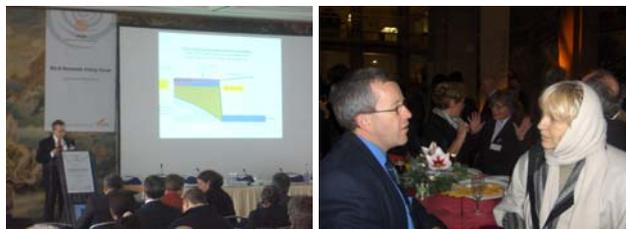
Dr. Hermann Scheer



Minister Sigmar Gabriel

Sigmar Gabriel, newly assigned German Minister of Environment, Nuclear Safety and Renewable Energy, delivered his first public speech as Federal Minister, emphasizing the importance of renewable energy and improved efficiency for sustainable development. He promised to continue the famous feed-in tariff and energy efficiency policy, which made Germany one of the world sustainable energy leaders, creating thousands of new jobs.

Great criticism was addressed by Swiss National Councillor Rudolf Rechsteiner and other prominent speakers against the International Energy Agency IEA which is systematically spreading incomplete, biased energy statistics and utterly misleading energy forecasts in favour of fossil and fissile fuels, which become unaffordable and soon depleted - see the eye-opening graphs of his brilliant speech on <http://www.rechsteiner-basel.ch/pub/41/wcre> and in his book "Grün gewinnt".



Rudolf Rechsteiner lecturing with ISEO VP Martina Sumenjak

Gustav R. Grob, ISEO Executive Secretary and ISO Chairman of Technical Energy Systems Analyses and Statistics, stressed the importance of ISO standards, especially ISO 13602-1 for the full energy costing and invited experts to join the ISO/TC203 working group on energy statistics to gain a complete energy picture and comprehensive basis for sustainable energy policies and planning for a revised "Energy Outlook".



German coal-fired power station on the way to Brussels showing that the North-Rhine Westfalia Minister's claim for coal is absurd

**The International Renewable Energy Congress** in Beijing, 15 years after the first Clean Energy Conference in China by ISEO predecessor CMDC-World Sustainable Energy Coalition demonstrated to the world that Asia is going to play a leading role in clean, renewable energy with their huge potential of some 1000 GW of wind and hydropower resources, besides their enormous biomass energy resource.



Millions of electric vehicles in China show Asia's leadership

This sustainable energy revolution will make the ISEO prediction come true, that with only about 2 % world average energy production growth, economies and living standards can grow even in frantically developing nations like China and India with their impressive two-digit GNP growth rates, despite the inevitable depletion of the fossil fuels and Uranium.

**6<sup>th</sup> SE European Renewable Energy Conference** held at the Slovenian Parliament Hall in Ljubljana.



Grob in discussion under TV watch

Prominent Panel at 6<sup>th</sup> SLOBIOM 2005

Keynote by ISEO VP Martina Sumenjak

**International Conferences on Environment & Transportation** were held at Abu Dhabi and Xian, China with international energy prominence and top government delegates with excellent press and TV coverage, impacting sustainable transportation policies and clean energy investment plans.



ISEO Secretary Grob stressed at the Xi'an conference "there is nothing else to compete with the superior efficiency, cleanliness and silence of electric drives and public transport, reducing energy consumption and external effects considerably".

**Environment 2005 Congress at Abu Dhabi, UAE**



Environment Award Ceremony

Gustav R. Grob speaking

See Power Point presentation on [www.uniseo.org](http://www.uniseo.org) > News & Events "The Future Transportation"

**International Renewable Resource Congress** organized by SESEC at the Olympic Museum in Lausanne, Switzerland see [www.sesec.org](http://www.sesec.org).



SESEC Keynote by G.R. Grob about clean, sustainable energy

Dr. Jenny, Saudi Guest with Mme. Rey, Chief, SI Lausanne

The congress **New Hope for Earth and Humanity** in Bregenz, Austria, co-organized by ISEO was dealing with novel clean energy solutions attracting a large European audience: [www.jupiter-verlag.com](http://www.jupiter-verlag.com)



Speakers and Organizers

ISEO VP Prof. Bucher on PV

**Events in 2006 in synergy with ISEO**

ISEO web portal [www.uniseo.org](http://www.uniseo.org) > News & Events is regularly updating international energy events

**Sustainable energy & efficiency success stories** reported by members and ISEO networking partners will be published in future Newsletters. Please submit illustrated abstracts of newsworthy stories.

**Dialogues with ISEO**

Address questions, suggestions, updates and relevant web links to the ISEO secretariat for inclusion in ISEO's web portal [www.uniseo.org](http://www.uniseo.org).