

## Growing Consensus on Sustainable Energy but faster Action needed

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### G8 - Lip Services on Climate Change

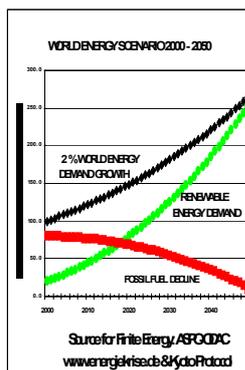
The United Nations Kyoto Treaty on Greenhouse Gas abatement - which is now legally in force since Russia ratified it - is becoming a farce if the largest energy squanderers and coal consumers – the USA - and the fast growing nations of Asia-Pacific are not taking the climate change threat more seriously.

Recognizing that transportation poses the main greenhouse gas emission problem with its nearly total dependence on fossil fuels, it is astounding that the largest multis in the world, as represented by G8, ICC and WBCSD issue a report “Mobility 2030” with the vision that only hydrocarbon fuels can solve the problem, while in fact the carbon-free electric transport concept is ready to take over the role of combustion engines – with affordable energy from globally over-abundant sustainable sources – see [www.uniseo.org](http://www.uniseo.org) >News>World Energy Mix Forecast

Instead of talking about vague ideas of cooperation on technology development, these democratically elected statesmen would better talk about the rapid implementation of existing solutions: put the long-haul cargo from millions of polluting, noisy trucks onto clean trains and discourage the production of overpowered and overweight cars by heavy taxation in favour of clean economic vehicles. See “The Future Transportation” in the ISEO Spring Issue.

ISEO and its allies offer all the necessary tools for a rapid transition to a “Clean, Sustainable Energy Age”., including the complete substitution of coal and the conservation of all mineral resources for higher added-value ends. The steep price uptrend of fossil fuels and supply bottlenecks in recent month show the effect of the approaching depletion of oil, gas and coal, as illustrated again and again in the ISEO 50-year energy forecast below.

This is what Head of States really should talk about in their gatherings, rather than finding excuses and having doubts about the threats to health, welfare and climate, provoking a sustainable energy stalemate, rather than decisive action by all means from ecological tax reforms to incentives for cleaner energy systems.



### Emission Trading and CDM-Projects

“The project oriented mechanisms of the Kyoto Protocol make renewable energies more attractive“ emphasizes Roland Geres of “Future Camp” in Munich. The recent development with projects submitted and acknowledged by the Secretariat of the Climate Convention (UNFCCC) of the „Clean Development Mechanism“ confirms this trend.

Five registered CDM-Projects are for hydropower, such as a “Micro Hydro Power CDM project“ by Japan in Bhutan, a 5 MW power dam project in the Indian Himachal Pradesh, or the “Rio Blanco Small Hydroelectric Project“ in Honduras by Finland. One of the accepted projects by the CDM-Executive Council is for the use of agricultural waste in Indian Rajasthan, producing 7,8 MW with a Dutch partner. Also the first wind farm was accepted by the “flexible“ Kyoto-Mechanism for 25,8 MW in Inner Mongolia sponsored by the Netherlands.

Germany will provide parabolic solar cookers for 1000 households and small enterprises in the Indonesian province Aceh, which is the first solar CDM project. Several bio gas- and other biomass installations are also accepted as CDM-Projects.

Projects shall be submitted without delay, suggests Roland Geres. “We experience often that proposals come too late“; until 2007 CDM projects and from 2008 also „Joint Implementation“ (JI) projects are the only possibilities to take advantage of the emission certificates from the European emission trading market.

The German State Council cleared the “Project Mechanism Law”, to come into force in October 2005, to foster CDM und JI-Projects in the context of the European emission trading system, requiring annual reports from companies in the monitoring framework as from 2006. “The Internet portal guide offered by the German Emission Exchange (DEHSt) can now be used”, stated their speaker Katja Rosenbohm.

The international conference “INTERCARBON“, held from 22.-25. September 2005 in Augsburg informs about these instruments. Its international “business matching service” acts as link between lenders, manufacturers and service companies – see web portals [www.intercarbon.info](http://www.intercarbon.info), as well as [www.energie-server.de](http://www.energie-server.de)

## **Pace-Setting Events around the Globe**

Among the hundreds of events on environment and energy, ISEO often plays an active role – see [www.uniseo.org](http://www.uniseo.org) > News & Events. Some of them are presented here:

### **New Hope for the Earth and Humanity**

9-11 September 2005 in Bregenz, Austria

- see [www.jupiter-verlag.ch](http://www.jupiter-verlag.ch)

This important international conference embraces sustainable energy and transport from established decentralized concepts, material sciences, recycling, waste management, cogeneration, bio energy to novel energy and clean mobility solutions. “Overcoming the Fire Age” is the keynote speech of ISEO Executive Secretary G.R. Grob, proving that all combustion engines with their detrimental effects on the environment, health and climate will end up in the technical museum > [www.uniseo.org](http://www.uniseo.org) > News.

### **“A World of Risk – a World of Opportunities”**

by the UNEP Finance Initiative, N.Y. 25/26 October

- see [www.unepfi.org/roudttable](http://www.unepfi.org/roudttable)

A timely event sponsored by the major financial institutions (banks and insurance groups) to discuss the scope of global risks, climate change and investments in the energy and transport industries and clean, sustainable production, including carbon trading mechanisms, water resources, micro finance and environmental accountability.

The financial challenge of the transition to a clean, sustainable economy is enormous, amounting for energy alone over one trillion USD investment per year to compensate the decline of finite mineral resources with sustainable solutions.

The water, habitat and transport sectors necessitate at least another trillion USD investments per year, hopefully substituting the unproductive world military budgets - presently in the same order of magnitude.

### **Asia-Pacific Transport & Environment Congress**

80-10 November 2005 in Xian, China

- see [www.tzx.net.cn/apte](http://www.tzx.net.cn/apte)

Another timely event because of the frantic mobility growth in Asian countries, where the car population in China doubled in one year and keeps growing incessantly without having enough domestic fuel resources, thus driving up the world oil prices.

Asia is becoming the locomotive for sustainable transport, because of unbearable urban pollution and the lack of fuels, with Japan, China and Korea becoming leaders in hybrid and electric vehicles.

The scope of the 4<sup>th</sup> APTE ranges from highway management to rail, air and city transportation, ports, bridges, alternative fuels, environmental impacts, intelligent transportation, noise, transport disasters, ocean oil spills, safety, transport of hazardous goods.

ISEO will present its Sustainable Future Transport Concept - see [www.uniseo.org](http://www.uniseo.org) > News > The Future Transportation.

## **Patagonia Wind Power-Hydrogen Initiative**

Energy Research Professor Juan Carlos Bolchic, Bariloche, Argentina, Founder of the Argentinean Hydrogen Association, will organize a seminar on wind power and hydrogen in Patagonia after working intensely on this subject since a decade, which he presented also at the recent World Hydrogen Energy Conference in Istanbul.

Patagonia possesses enormous wind power resources of several GW, but is quite remote from large the electricity consumption agglomerations. Therefore the hydrogen concept will allow the storage of this abundant energy, provide a substitute for the dwindling oil and gas reservoirs for clean mobility, facilitates better irrigation and thus allows the sustainable economic development of the scarcely populated Patagonian region while maintaining its excellent quality of life.

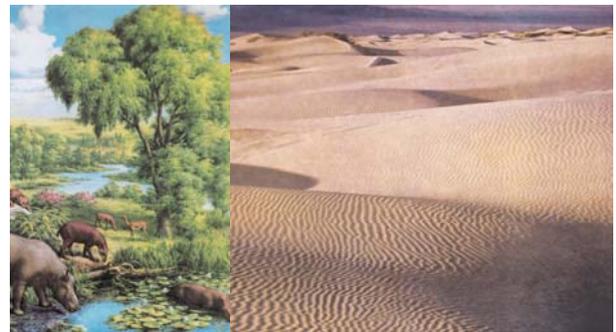
More in the next ISEO Newsletter.

## **World Tree Planting Day Initiative Rebirth**

An excellent way to re-establish a sound biosphere

At the 25<sup>th</sup> Anniversary of the Alternative Nobel Prize - “The Right Livelihood Award” founded by Jakob von Uexküll - in Salzburg, one important idea emerged again when talking to the award laureate Shri Sunderlal Baghugunaji, who lives in the Himalaya region, planting trees all his life and promoting tree planting.

The 1<sup>st</sup> Renewable Energy Conference organized under the United Nations STAR program by ISEO Executive Secretary Grob was taking place in Beijing on 1<sup>st</sup> April 2000, which was the “China Tree Planting Day”.



ISEO is now relaunching the idea of a “World Tree Planting Day”, which obliges each citizen of the world to plant a tree. “This will ultimately compensate the catastrophic deforestations of the past, provides more carbon sinks and help to stem desertification by recapturing previously fertile soils” explained Gustav R. Grob

## **Dialogues with ISEO**

If you want to report about initiatives, conferences and progress on sustainable energy or if you are interested in an ISEO membership please contact the Central Secretariat of ISEO [info@uniseo.org](mailto:info@uniseo.org).

You may send your questions, suggestions, updates and missing links for inclusion in ISEO’s website [www.uniseo.org](http://www.uniseo.org).