

Date: Sun, 27 Dec 2009

Subject: I-SiS & Third World Network recommend LENRs as renewable 'green' energy

To: cmns@googlegroups.com

Dear CMNS Members:

FYI - I-SiS, a small yet influential 'green' environmental organization founded/directed by Dr. Mae-wan Ho (a biophysicist by training) headquartered in London, UK, and the Third World Network, have jointly issued a new Special Report that you may find quite interesting in the context of low energy nuclear reactions (LENRs):

"Green Energies - 100% Renewables by 2050"

by Mae-wan Ho, Brett Cherry, Sam Burcher, and Peter Saunders

Published jointly by I-SiS and the Third World Network

In this bold study, among other things, I-SiS and the Third World Network recommend LENRs as a new, renewable 'green' energy source that should receive " ... *major public investment.*"

The findings of the I-SiS/TWN "*Green Energies*" report are supported by several Members of the UK Parliament (MP); in particular, quoting in part from a Foreword on pp. 6 (of attached Adobe Acrobat preview) written by Alan Simpson, MP and UK Government Special Advisor on Renewable Energy and Feed-in Tariffs, who says eloquently:

"Many of the renewable energy choices set out in this report are already with us. Some require little more than a hop, skip and a jump to reach them. The trouble is that this leap has to be in a different direction from where we are currently heading. It involves some fundamental breaks from 'big energy', big pollution and the waste making society. Treading more lightly on the planet involves a shift into holistic economics which puts back as much - if not more - than we take out. The report is a road map for survival. It sets out the science, the technology and the choices for a different future. All it requires is the political will... and that's where we're stuck. It invites changess that are as much about power as energy."

An HTML version of the *Preview* of "*Green Energies*" can be found on the I-SiS website at (live hyperlink): <http://www.i-sis.org.uk/GreenEnergies.php>

For your convenience, an annotated version of the *Preview* is attached to this e-mail as an Adobe Acrobat document; the pristine original was obtained from (live hyperlink): <http://www.i-sis.org.uk/GreenEnergiesPreview.pdf>

A full version of the entire I-SiS/TWN Special Report on "*Green Energies*" can be purchased online as a download for ~18 British Pounds Sterling via the I-SiS website (live hyperlink): <http://www.i-sis.org.uk/onlinestore/books.php#282>

In the pdf attached to this e-mail, the subject of LENRs of LENRs is covered in some depth on pp. 16 - 17 in a section titled, "*CONDENSED MATTER NUCLEAR REACTIONS TRANSMUTATION OF TOXIC NUCLEAR WASTES?*"

The following direct quotes have been extracted from the attached Adobe Acrobat *Preview* of "*Green Energies*" as follows (note - page numbering is keyed to the Adobe version):

pp. 8 - "*Local small scale and micro-generation are booming in the developed countries wherever feed-in tariffs have been introduced, giving people independence and autonomy, plus the flexibilities for upgrading as technologies improve ... At the same time, appropriate science at the frontiers has opened up new possibilities for recycling waste heat as electricity, harvesting and storing sunlight by artificial photosynthesis, and solving our nuclear waste problem by low*

temperature transmutation after we give up nuclear [fission] energy for good."

pp. 9 - under subtitle "Authorship & Acknowledgment" - " Chapters 34 and 35 are assembled from previous articles written by Lewis Larsen of Lattice Energy LLC and edited by Dr. Mae-Wan Ho."

pp. 9 - under subtitle "Authorship & Acknowledgment" - " This Report has been sponsored by the Salvia Foundation, the Yoko Civilization Research Institute, and the Ecological Society of the Philippines; also by Dr. Armin Tenner, Emeritus Professor of elementary particle physics at the University of Amsterdam; Dr. Siegfried Brenke, Team Leader of Local Self-Government, GTZ; James Archer, 2008 World Architectural Festival award winner; and by Lord David Steel, Alan Simpson MP and Rt. Hon. Michael Meacher MP."

pp. 17 - under "CONDENSED MATTER NUCLEAR REACTIONS TRANSMUTATION OF TOXIC NUCLEAR WASTES?" - " The transmutation of elements is the old alchemist dream come true. The transmutation products fall into five peaks of atomic mass. The maxima and minima in abundances resemble those predicted if ultra-low momentum neutron capture followed by beta-decay were involved in the transmutations in accordance with the theory of Alan Widom at Northeastern University Boston, and Lewis Larsen of Lattice Energy in the United States. These findings not only challenge the story of how the chemical elements were created, they have the potential for a new source of much safer, cleaner nuclear energy. It could 'revolutionize' the energy industry', according to Larsen, in providing highly concentrated energy sources that could, for example, allow a car or an airplane to travel around the world without refuel. Perhaps more importantly, there is a potential for making safe the accumulated nuclear wastes from conventional nuclear reactors. Spent fuel rod assemblies could be processed on site and injected into co-located LENR transmutation reactors that would "burn" the hot radioactive wastes down to stable isotopes using large fluxes of ULM neutrons that are easily captured by the radioactive isotopes. This process will also provide an enormous source of concentrated energy for enriching the future zero carbon world."

pp. 17 - under "RECOMMENDATIONS" - "5. Public investment should be targeted at education, research and development of the appropriate green energy technologies present and future, including those mentioned in this report." [i.e., including LENRs]

pp. 17 - last item under "RECOMMENDATIONS" - "9. Major public investment should be directed towards making safe toxic and radioactive nuclear wastes by low energy nuclear transmutation."

The words written in the "Green Energies" Special Report speak for themselves. In my opinion, this is an excellent, clearly written, thought provoking document well worth purchasing and reading.

Best regards and happy New Year,

Lew

Lewis Larsen
President and CEO
Lattice Energy LLC
Chicago, IL USA
(312) 861 - 0115

Attachment: (1) Adobe Acrobat file

1. filesize = ~3.4 MB with filename = [GreenEnergiesPreview.pdf](#)