

Under the auspices of:



THE BRUSSELS-EU CHAPTER . CoR-EU
Honorary President HRH Prince Philip of Belgium

Aurelio Peccei Lectures

INVITATION

The Brussels-EU Chapter has the pleasure inviting you to its thirty-third Aurelio Peccei lecture, *Thursday June 22, 2006*, which will deal with:

Deserts as sustainable powerhouses and inexhaustible waterworks for the world

by

Dr. Gerhard Knies

Initiator and coordinator of the Trans-Mediterranean Renewable Energy Cooperation TREC

The discussions on energy supply security, on fossil fuel reserves and on Green House Gas emissions are escalating. Acceptable solutions to the energy problem seem to be difficult or even out of reach. The future of our civilization and even the basic living conditions seem to be at stake. Under these circumstances we may look at the earth's deserts which might provide a solution to the global energy and water problems. The sun is radiating about 1000 times as much energy onto the earth's deserts as humankind is using. At each km² of desert energy as in 1.5 million barrels of oil is arriving annually. We do have the technology to convert at least 50% of it into useful energy as heat for steam production, for power plants and for seawater desalination. Thermal solar power plants and deserts can provide Humankind with clean power and fresh water at any conceivable demand, if the sun-belt and the technology belt begin to cooperate. How we could solve the world's energy, water and climate problem by a cooperation of sun-belt and technology-belt is subject of the presentation.

Date : **Thursday June 22**, from **6:00 till 8:00 PM**.

The lecture will be followed by a refreshment. After the event all participants are invited to a dinner. Participation is at own costs.

Venue: Royal Academy of Belgium. Hertogstraat, 1, rue Ducale. B-1000 Brussels

For planning and logistical reasons, please send your **registration at the lecture as well as at the dinner** to Brussels_eu_cor@scarlet.be (with 2 underscores).