

ClimateLeaks - Who Profit from Raising Sea Levels and What You Can Do About Both

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Energy Regeneration from Atmospheric Carbondioxide Rewinds Climate Change and Offers Big Time Business Opportunities

Cheap, clean energy regenerated from atmospheric and smokestack Carbondioxide rewinds greenhouse effects and thereby climate change, simultaneously offering big time business opportunities, high profits and enormous good-will gains from social responsibility. This is the message of a new [e-book](#) soon to be released by [Climateleaks Organization](#), an NPO and NGO in Sweden.

It is a book revealing truths and bluntly squaring accounts with the upcoming climatic situation and our future prospects, but simultaneously offering big time opportunities for establishing a sustainable climate-energy balance by making profits on new markets based on knowledge-induced public demand for fuels recycled from greenhouse gases (GHGs).

The book makes evident that the roads to mitigation, Carbon foot-print reduction, and climate change adaptation are dead-ends. We can't even cope with the climate changes that we see today, at a .85 centigrade average temperature rise. How could we then ADAPT to a T-Rex in our backyard, just waiting for the beast to get hungry? How can we MITIGATE what's already bad but getting a hundred-fold worse? What good is it to REDUCE Carbon foot-prints of every human activity when INSTEAD we must REWIND them, and quickly? Why should we wait and see how far those tiny cuts would suffice, only to find water flooding all our planet's coastal cities and coastal infrastructure at a 2 centigrade temperature rise (but at much less under stormy conditions)? At 4 centigrades? 6? 8? All are likely figures according to researchers, depending on how far to the right we travel on the time axis and on activities pursued (or not).

Pyramids of money are now poured into dead-end projects and enterprises building up new cul-de-sac industries and lines of trade and, wherever politicians are involved, also new ties. Public sector allotments, political preferences, and personal prestige related to this will constitute road blocks to anyone trying to find and follow the right roads to turn into. The longer we wait, the more stalemates will clutter your home party up and encumber public focal points. As time goes by, the risk becomes ever more imminent that there will be little or nothing left to feed by for independent ventures developing truly effective solutions. Pursuing politically "incorrect" meaning-green activities will be harder, and even be subjected to a modern age inquisition.

Digging out the damage done, the author illustrates, takes giant size excavators. But politicians and world leaders are apparently equipped with garden spades! In 2013, we're blessed with an ADDITIONAL 37 billion tons of atmospheric Carbondioxide EACH YEAR, last year 36, next year 38 - all the additional Methane, Dinitrogenoxide (nitrous oxide, a k a laughing-gas), and water vapor unaccounted. Methane is a greenhouse gas 23 times more aggressive than CO₂, water vapor even more, and the warmer the climate, the more water vapor is crammed into the atmosphere in conformity with universal physical (gas) laws.

Planting 1 million trees will absorb 38,000 metric tons of CO₂ during the first ten years of life. Thus, in order to halt the runaway GHG emissions train we would need to plant some 10 trillion (10 million million) trees EVERY YEAR ($10 \times 37,000,000,000 / 38,000$) accounting for CO₂ only. Plus an additional pyramidal number of trees accounting for the water vapor, Methane, and Dinitrogenoxide. And in these times of accelerating deforestation, an additional pyramidal number of trees to counterbalance chopping down the equivalent of FULLY GROWN forests covering an area the size of Switzerland EVERY YEAR. The final countdown is, a natural climate-energy balance would require from well over 10 (probably over 20) million companies EACH of them every year repeatedly to plant (and sustain!) one million trees.

Some companies do plant trees and then make boast of it, propagating their green contribution to ignorant target consumers. The mark seems to be set: "We've planted one million trees over the years, hoe-hoe". Boasting an accompanying "We save the planet" breed logo on their websites. Yes, planting trees is good at least for counteracting desert enlargement. But this implies that you also will have to take care of watering the

plants until their root systems reach deep enough under ground to support itself, and that you will have to protect them against pest and other diseases, insect attacks and rodents gnawing. An impracticable concept even to a minuscule extent. So once the photo paper has dried and everyone self-contentedly returned home, the plants will dry dead.

And even if the tree plants would grow, from a climatic impacting perspective the achievements merely merit embarrassment. Wood and bush fires increasing in scope by the year, due to higher temperatures and drought, account for ever so much more deforestation - and atmospheric GHG supply – than the comparatively few "hero company" plants contribute with. Why not take all that money spent individually, the author inquires, and scout some truly innovative and serious representatives of mindcraft and willpower, who endeavour to join all individual but often awkward initiatives into an effective machinery for promoting sustainable climate-energy balanced activities?

It's all so elementary that a child could find it out, really - a question of balance, the book argues, but not as in counterbalancing or counteracting one thing by adding another, like with two scale pans. What goes around comes around. You don't shit in Your sofa and then spray it with perfume to conceal the effects, now do You? Instead You flush the shit out the toilet and then recycle it for agricultural benefice (like it's done in some countries). Many holiday cottages are equipped not with a water closet but with a dry closet. Consequently, the shit produced by fossil fuel combustion and flushed into the atmosphere must be captured and recycled (CCR, not CCS) and even better captured from out of smokestacks before being diluted into the atmosphere. However future pilot installations and operations will bear witness of the most economical techniques.

The book points to the fact that emission sources of GHGs are counted in billions, rendering it unfeasible to choke emissions from the transport, agricultural, forestry, and industry sectors.

Cars, motorcycles, mopeds, vans, trucks, lorries, tractors, caterpillars, harvesters, excavators, forestry machines, lawn mowers, fossil fuelled stationary machinery and generators, vessels, aviation, ... - practically none of which are meaningful to electrify due to accumulator incapacities, inflammability, high cost, and short life duration. And hydrogen tanks cooled to 230 centigrades minus for fuel cell operation is dangerous, inefficient, costly, and unexplored.

In modern agriculture, a 14% GHG contributor, Dinitrogenoxide leaking from rural areas is impossible to halt unless legislating against the production and use of artificial fertilizers. Forestry accounts for a 17% GHG contribution, whereof deforestation boasts the main part. How do we come to terms with those? Global political agreements would do the trick but are nothing more than pious hopes.

And the count of global energy supply facilities, a 26% GHG contributor, and industries (cement, metal, chemical, mineral) 19%, render it useless to even start – the huge cost/time ratio compared to the low emissions percentage cut would be so obviously ludicrous and deterring.

Thus, what's put in must be taken out, stabilizing at a thoroughly evaluated and established level. Today's CO2 level is closing in on 430 ppm, and a growing camp of researchers and scientists state 350 ppm to be an acceptable level. But pre-industrial 280 ppm is the level at which our present (though fading) ecosystem has evolved, so why settle for 350 ppm? Our oceans have absorbed some 50% of the CO2 emission since the pre-industrial era, half of the total aggregated emissions, leading to a severe acidification of the seas entailing food chain and reproduction disruptions, fish diseases, and coral reef extinction.

From the atmospheric temperature's point of view, it might be necessary to lower the CO2 level even below 280 ppm, in order to compensate for the huge volumes of Methane and Dinitrogenoxide adding to the atmosphere each year. But extracting also those other detrimental GHGs, not just CO2, may instead prove to be necessary in the future.

Either level to establish, the author identifies a sustainable climate-energy balance to be maintained by a cycle

- * extracting Carbondioxide from smokestacks and from the atmosphere
- * recycling it in processes based on artificial photosynthesis using water, Carbondioxide, sunlight, and catalysts
- * producing tailored fuels in conformity with current market demands
- * consuming the fuels to make use of the energy

The cycle then can recommence, revolving eternally with no required external energy supply, and no detrimental unaccountable emissions.

Clear blueprints and detailed calculations in the book exhibit how this would be practicable to power plants producing electricity from different energy sources, to an existing infrastructure today availed by oil companies for fossil fuel production and distribution, and to local small-scale fuel or electricity production.

The gains are that the world would get away from its consumption of fossil fuels. Thus eliminating detrimental fossil fuel contaminants like Sulphur and heavy metals winding up into the atmosphere, at sea, or on land. Ocean acidity dissolves Calcium-based skeleton structures in plankton-size organisms, killing them or disrupting their ability to reproduce, thereby breaking food-chains. And soil acidity leaches nutrition from forest and tillage soils, rendering low-nutrient foods and dissolving compounds of bound harmful elements into water streams, lakes, and oceans. So a lowered CO₂ level implies not only a stabilization of sea levels, less destructive storms, less heavy rains and flooding, less intense drought, at various places on the planet, but also paramount gains for all ecological systems. Put differently, if we FAIL to stabilize the CO₂-level very soon, the damages as described will intensify, and lead us to numerous points-of-no-return and eventually to total catastrophies in numerous respects.

The new e-book soon to be released by Climateleaks Publishing deals with the subjects described above. You can read a seven page excerpt at climateleaks.org/books of the book titled "ClimateLeaks - Who Profit from Raising Sea Levels and What You Can Do About Both" (both, as in those who profit and the rising seas). Subtitled "Killing myths about our future prospects and revealing truths about politicians and corporate world leaders while elucidating the only road to safer grounds that we can turn into - with Your role in bringing about the change". Co-producers and sponsors are welcome, as are pre-orders.

In this scope there is also an upcoming website Climateleaks.org offering affordable advertising opportunities, equities, and research software for leasing, thus primarily aiming at building a community of common people understanding what should be done and why, intending to show the world that WE ARE MANY who want change, for subsequent lobbying of corporate decision makers (no politicians).

The book demonstrates how members of this community – just like any other with similar ends - will be the owners of the third and paramount type of future control mechanism: Information. Only through free, factual, and independent information to common people can new knowledge-induced markets and demand for climate neutral and socially responsible products emerge.

Representatives of power and negative greed are the owners of the other two instruments of control, taxes & contributions, and legislation (imposed politics), but Information is an instrument owned by none and by everybody – therefore (in a free world) impossible to hamper or acquire. Information will be the predominant type control mechanism, whereby negative, climatically and socially irresponsible greed can be transformed into its positive and responsible counterpart.

Greed, the author argues, neither can nor should be stopped – since it resembles a swarm of bees to be found where the pollen and honey is. Making top money out of an eternal energy supply cycle promoting a resource resilient and ecologically sustainable global climate-energy balance, and loads of good-will as a bonus, should be tempting enough to anyone doing business.

Conclusively, the book urges us for not telling the Young they are the ones to turn things right. When au contraire the Young more or less already have given up, despising the leader generation and blaming the elder for everything. Just like the developing countries rightfully blame the developed ones for everything, while the world dominators demand of poor Chinese, Indians, and other citizens of developing countries to mind their Carbon foot-prints!

No, says the author, You should be doing it right, From Now On. Take action now – read [the book](#) and do what it tells You to. Through all insights it conveys, You may then find pride in demonstrating to others that You've been thinking and that You're trying. And You might even sleep a little better at night, cause right now You really shouldn't.