

A book 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

## ClimateLeaks

Bear no expectations on this book – cause it won't be anywhere You'd expect. Read it with an open mind and the eyes of a child kept open throughout, and You'll be neither distracted by any preconceptions nor disappointed.

Blunt and aiming right at tender spots, intent on deposing Ignorance and appointing Enlightment, the ambition of this book is to bridge the gulf of attainments and attitude between cultures and the cleavage between generations.

Compiled from pyramids of information – research reports, technical documentation, scientific publications, articles and literature, academic papers, websites, videos, newsfeeds, facebooks, tweets, unearthed classified-ish material and development stories neglected by mainstream media – this book still is not designed to embrace the entire subject domains or contemporary science news flow. Evoking insights and stimulating You to pursue Your own research on Your darlings of interest, it is foremost intent on provoking knowledge induced change and elucidating Your much required part herein.

The book blantly discloses real realities juxtaposed to official ones. It demonstrates the gravity of the present situation and how fast this is aggravating. And it exhibits the implications of Us passing any point-of-no-return, dismissing such inoperative yet applauded "achievements" as reducing Carbon foot-prints and adapting to climate change.

This book also unveils the faces of powers that have raped our planet for ages and led Us to the present situation. It unveils the faces – and trousers down, the butts—of powers that in our time strive for maintaining and aggravating this situation. It unveils the faces of powers that strive for ever more power out of estalating injurious climatic impacts and out of Us passing the points-of-no-return, entailing inconceivable devastation, accelerating misery, anarchy, war, and mass death.

In that light, this book is unparalleled to other works even in a wider field.

But also in constructively and distinctly pointing in the (single) right direction by offering a 100 % functional, sustainably and promptly effective remedy solution, demonstrated through clear-cut blueprints and calculations.

# Thanx Petition Purpose Prelude Our precious Planet and our sensitive Human Culture Chapter 1. The Present Situation Chapter 2. Chapter 3. The Upcoming Situation Chapter 4. Scenarios + Aftermath Chapter 5. The Reasons for the Present Situation Chapter 6. The Prime Movers inside the Upcoming Situation Chapter 7. Why they introduce Changes for the Sake of Change Chapter 8. How to bring about a Sustainable Climate-Energy Balance cost-efficiently Chapter 9. Information as a Control Mechanism – How to keep Politicians at bay Chapter 10. Analysis of the Corners to turn and what You can do Chapter 11. Feasibility Studies – Technical Options with Cost Calculations Postlude **Appendices** References

Contents

### Co-producers & Sponsors

... Will we see Your Name herein? ...

#### Thanx

To my family, who endured the darkness before this book came to light, and who believed in the book and in me

To Al Gore, The climate revelation Messiah/Muhammad/Buddha/... of our time, if any

To Nelson Mandela – forever shall You live

To Médecins Sans Frontières, the Guardian Angels of so many Helpless

To Grameen Bank founder Muhammad Yunus, Nobel Peace Award laureate, the antihero of predatory lending

To Fair Trade food pushers around the world

To researchers-at-heart, who won't let any kickbacks buy themselves out

To engineers of all time (except those weapon developers) – you are such a Superbrainiac squad, we owe You all

To Håkan Lans, top brainiac inventor of our time, who stands up against the Patent Thief Co. Villains community

#### Petition

One thing is for sure.

Most people would much rather be part of a solution than part of a problem.

They will move and change if they see opportunities.

And they will want to be where things are moving forward – not backwards.

For those people I wrote a book.

A book replete with plain talk, yet an academical paper.

A pitch contrapuntal, yet a conclusion harmonious.

A main course distasteful, yet a dessert pleasurable.

A substance repulsive, yet so easy to digest.

We deserve a book of that breed.

The book deserves to see the light and to see us over the abyss.

We'll all merit big time from its impact and subsequent surges.

Our kids and theirs might even owe a sustainable resurgence to it.

Will You assist in bringing life to its breed and what it may breed?

We can't go on gambling with our lives and those of our children and theirs.

We can't allow Self-Sufficiency to be the judge of our existence.

Failure is not an option, You for one should know that.

Else You would not even be reading these lines before Your eyes.

I'm not a writer, by the standard of Writers.

I'm a thinker, by the standard of Common People.

I'm not reciting lines of other writers or thinkers.

I write lines for common people to recite.

Thank You for Your interest in this book.

Thank You from the bottom of my heart for sharing our commitment as described herein!

Take it from here and take it further!

A clean sky is the limit.

### **Purpose**

There are always some who benefit by any given situation, who wish to maintain that and hope that some of the situation's characteristics be strengthened. Those who have the power to do so will always strive for it. The only force that can counteract those power centers is the free market. The only way to untie the knots of greed and dissolve concentrations of power is new markets resulting from the customer demand induced by knowledge.

In a context of energy consumption and its climatic impact, my purpose is to make evident that:

- \* these knots can be untied and new ones tied again, and power can be dissolved and then concentrated again elsewhere, introducing energy products harmless to the climate, distributed through existing infrastructure.
- \* common people's demand for products promoting a sustainable global climate-energy balance, and common people's preferences in good-will aware, socially and climatically responsible companies paired with accountability of producers and other market participants will do the trick.

It is my conviction that this demand will gain strength as public awareness and enlightment on our true future prospects spread across the world, acting as an instrument of control applied by free, factual, and independent information. This instrument of control based on information can in no way be stifled or bought out by the owners of the other two instruments of control – taxes & subsidiaries, and politics – because it is owned by everyone and by no one, unassociable as it is with anyone's appointed or self-imposed authority.

By this book, I wish to strongly enough help this notion of information as the third and strongest instrument of control to grow into the most powerful one of all in the energy-climate field. I want to be a battering ram to destroy the fortresses of the elite in each country, and through common people's power in terms of knowledge-induced market demand bring these castles to reduce in importance and ever more languish away, finally to disappear altogether. And why? – Because if this be realised, then the Earth could and would be saved.

However, we also need to implement population control on a global scale. Here, I believe that all instruments of control must join forces in any kind of peaceful and socially induced (like pensions) voluntary population limitation. But we may not be able to rely entirely upon each individual's freedom of choice being in tune with guidelines that we set up together in order to promote our planet's need for recovery and resource resilience.

Like a pianist playing pieces that many have not heard, in an emotional way that can affect their audience on the listeners' private basis, I provide information. In this way, I interpret, compile, and present the facts without exaggeration, in a direct, blunt, and always makeup-free and unsweetened fashion. Books have been written in the field, Yes, but none nearly as bluntly myth killing about our future prospects and as revealing about the Elite.

This book has no intention of being combed straight or sleeked down, nor ever to please anyone, since this would not be in line with its purpose. Any ones feeling distressed at this should ask themselves why, not shoot the pianist. Any ones becoming overwelmed are asked to act, not hide, repress it, or put their heads in the sand.

What You need to do is Join Up at ClimateLeaks.org and show everyone that WE ARE MANY who want change.

Support our non-profit operations by advertising and buying equities – bonds that increase in value by each year and that you can sell at a profit at any time – ALL the surplus of our operations refunds back to You.

Support our development of effective tools helping researchers and scientists to minimize or eliminate costly and time consuming lab set experiment requirements in developing catalysts and methods for artificial photosynthesis — enabling us to turn into the (single) right road of producing tailor-made fuels from recycled greenhouse gases at low cost and zero emissions — inducing demand and markets for these fuels that play integral parts in an endless Consume-Recycle energy circulation forming a sustainable climate-energy balance.

Then Who am I? – A diehard Earth romantic refusing to comply with the madness of things as they are. Like You. Especially since it is plain simple to do something effective about it: just forget Politics, just induce new Markets. Who am I to blow against the wind? – The winds of Ignorance, Greed, and Evil are strong but should be stood up against by anyone who really means to take up the fight for our future, that of our children and their children.

I want to look at myself in the mirror each day saying "I cannot succeed all by myself, but I know that I can succeed along with all of You others if we are many. That I know I can do." So, stand up against those winds, shout aloud into them all. That You know You can do. Join in and help make the difference that it takes.

#### Prelude

...In the beginning there was darkness... or so the Bible says.

Who would want to get back there? To the scientifically dark cells of ignorance and superimposed power, the heretic stakes, the medieval ages? To oblivion? To barbarism? Some humans apparently do. Consciously, deliberately, or not. Denialists? – definitely. Politicians and world leaders? – some. Common people? – no way.

We humans are on the path to devastate everything that we've built and fought for since the beginning of Time.

The Haiyan typhoon early in November of 2013 is classed as the worst storm of all times. Unbelievable wind speeds of up to 105 meters per second – 378 km or 235 miles per hour – crushed and flushed everything in its way, just like a tsunami continuing over land, without losing power as tsunamis do. The worst terror weapon imaginable, delivered from all of us to all of those victims. Tens of thousands dead. The homes of twelve million people destroyed. Schools, hospitals. And yet, do You believe that this storm was a climax? Or that even worse successors will come? Even more frequently? Making more and more regions, even entire nations, uninhabitable in a future not even very distant? I for one sure do. I believe that either scenario is likely to be redeemed.

During the same days as the Haiyan typhoon whirled in over The Phillipines and during its heartbreaking and inconceivable aftermaths, there was a climate summit in Warszaw, Poland – yet another one. This one, just like all the preceding ones, ended up in nothing. That was no surprise to me, personally. But what was so shocking this time is that the meeting delegates disclosed such an appauling, grotesque and disgusting indifference to the victims, dreadful scenes of poor people conveyed onto their screens. Yet after two weeks 600 000 people had not been reached by any help, the crushed infrastructure blocked any relief consignment. The scenes from those areas starred myriads of desperate living-dead people – today still alive, tomorrow probably dead. This time, if ever before, no one could make any mistake about where politicians stand and what they are prepared to do for the nations in the typhoon or hurricane lines: Nothing. They managed to agree on Nothing. Once again.

I believe that if nothing be done immediately, then we will see entire nations be swept away by storms and waves, flooding and other related disaster on an everyday repertoire. Fukushima was caused by a tsunami and the human factor, but it was just a matter of time before a typhoon would have caused the three cores to meltdown instead, due to the flooding the backup power supplies. If nothing be done, the worst terror weapon imaginable is the unimaginable, delivered from all of us to all of us. There is the equivalent of 70 meters height of ocean water left in the ice masses that now melt at an ever increasing rate. If only 1 meter melts off in the days to come, then we will face chaos, conflict, and in many parts of the world starvation. Resentment will ride high as fossil fuel low-consumer and island nations bitterly blame the high-consumer ones, pouring gasoline on the fire instead of unifiying on an agenda to stop the madness. All international cooperation will be put to the test at this point — and later on when the 2 meter mark is reached, the Kings of Anarchy will rule the world.

Now that premonition is going round, the Kings of Greed seem to extend their arms further and further in order to keep everything in place. To them, a status quo is the safest way for keeping possessions and power where they serve best: in the hands and pockets of the greedy man. If we don't break the rule of negative greed and change the perspective over to the positive side, then we're doomed to planetary and social devastation. We will go back to the dark ages, where darkness will have a color blacker than anyone's ever seen Black.

However – an uprise from the people can cure the upcoming situation, eveloping out of the predominant one. An uprise from the people has always been the most efficient way of bringing about radical change. This book should be seen as an attempt to enlighten people, thereby raise debate, opinion, and claims, and encourage them to induce demand and out of this new markets out of the control of politicians and the negative side of Greed. We can't fight Greed as a notion, because Greed is transparent and like a swarm of bees is to be found where the pollen and the honey is. But negative and positive greed are two sides of the same coin, and we can turn negative greed into positive greed, replacing its Master of degradation and false prospects by a good-purpose serving one, nursing responsibility and independence for the love of mankind and generations to come.

In the light of history, we have learned that uprisings start and end with the force of arms. In our days, to our ends it's useless even to conceive of a corresponding scenario – power is in the hands of capital owners and politicians. There is no sharp image of their lot, a partly indistinguishable and therefore unbeatable opponent.

Therefore, today we can rely only on the main instrument of capitalism in order to bring about peaceful change: the market. The possibility of making big money — and even better coupled with good-will gains — out of a change in consumer demand will always be the strongest driving force. We need future markets to emerge propelled by responsible consumers' demand fuelled by factual and independent information. By showing producers of energy that WE ARE MANY responsible consumers who demand responsible products fitting into a sustainable climate-energy balance for all times to come, we can bring new markets up and bring about the change, thus breaking the vicious circle of uncounter-balanced fossil fuel burning. Bye-bye Mitigation & Adaption!

That is primarily what this book is going to deal with.

Compiling and presenting facts and correlations that not many people have the knowledge of or that few of us thought were as bad as they are, but that none of us can disregard. Answering questions like: "Wouldn't it be enough to extend present initiatives of *reducing Carbon foot-prints*, or *mitigating climatic impacts* from human activities, or *adapting to climate change?*" and "How can we break the *sovereignty* of economical and political power over our energy resources and break out of the prison of our upcoming devastating climate changes?". I'm not going to defend any ideological, political, or religious system – I'm not even going to advocate this consumer life-style or that. It would be pointless, since in either system the supply-demand logic of the market will rule – be it raw capitalism or communism, be it democracy or dictatorship.

This book is condense and therefore deliberately kept concise. Not due to lack of facts, but in respect of readers in lack of time to grasp a perhaps new field of interest. Also, somewhat in protest against all of those babbly works already out there on the shelves, circling around the core of the subject (and sometimes never really arriving there). My philosophy is: blunt is beautiful. If you don't like what you chew, then spit it out. But at least try it. This book's aim is to inform and raise sentiment, leading to proaction. Read on about this under *Chapter 9*.

Moreover, this is not a thesis or academical style of work. I decided not to source reference every line of writing, so all references are listed in the *References* chapter. In our days it is easy for the proactive reader to Google and seek information in various databases at public libraries, and when doing so, evidence of and support to the correctness of the writing herein will be step forward. Yes, who said this and that has to be outspokenly balanced and exemplified by sayings against it. But then this book would become thick as a brick just to keep the academic formalities in place. And per definition counteract its purpose: to catch the audience in the act of unawareness. But a traditionally referenced **bonus** thesis version will be available on *ClimateLeaks.org* later on.

The writing herein is the result of many a year of studies in the field. Both academical studies on university and polytechnical level, and informal ones based on library books, scientific and other database material, current news, news archives, official reports from public and private organizations, etc. To a great extent also — making this book very different from others — "leaked" material disclosed and bluntly put forward for the sake of Us all.

About me: Once a Physics & Electrotech student at The Polytechnical College of Lund, Sweden. Then an IT developer most part of my life. Later a translator and linguist. And now during the last couple of years a climate/energy-"brainiac". In 2012 I took Polytech College courses on Sustainable Society-Energy-Climate interrelations.

Together with my non-profit organization team, I run the *ClimateLeaks.org* website which will act as a framework for building the new knowledge-induced markets for customer demanded energy-climate balanced GHG recycled non-fossil fuels replacing their fossil counterparts. It is funded by adverts, sponsors, and equity buyers.

I also develop software serving as a virtual lab for simulation in developing catalysts to be used inside the processes that utilize artificial photosynthesis in order to purge CarbonDiOxide from the atmosphere or from smokestacks, and out of this produce different tailor-made market demanded fuels. It will be marketed on the website and hired out to research centers, labs, or market companies (whereof oil companies constitute a primary – though conservative – target group...).