GREEN THINKING

A CONTRADICTION in TERMS
and
The SELF-DESTRUCTION of the WEST

GREEN THINKING:

- has a zealous purpose to eliminate Western Man-made Carbon Dioxide (CO_2) emissions derived from the use of fossil fuels, supposedly to "save the world from Man-made overheating".
- has a determined and illogical obsession that any extra Man-made CO_2, especially from the West, is bound to cause massive disruptive and catastrophic Global overheating.
- this obsession has been ruthlessly promoted by Western educators, researchers, certain members of the science establishment, the bulk of Western media and politicians throughout the Western world for the last 30 years.

GREEN THINKING: is in error

Man-made Global Warming caused by CO_2 emissions from the burning of fossil fuels is NOT an immediate and existential threat to the Planet.

But instead Man-made CO_2 emissions, from now forward, may result in a minor, probably advantageous warming event in the far future.

Such, Man-made warming is likely to be overtaken by planetary cooling arising from much more powerful natural causes: the immediate effects of low Solar activity and planetary mechanics.

GREEN THINKING: is in error

So regrettably, GREEN THINKING has produced an economic, scientific, psychologically and strategically damaging fallacy

in parallel with COVID-19

The negation of progress for all Man-kind

GREEN THINKING seeks to reverse all the benefits of the Industrial Revolution and denigrates the massive advantages that the use of fossil fuels, Coal, Oil and Gas, have brought to the well-being of a growing World population in terms of protection from adverse climate events, longevity, health, safety, and happiness.

GREEN THINKING wishes to deny these proven advances in well-being to the deprived and underdeveloped World.

GREEN THINKING denies that these advances will progressively bring greater well-being worldwide and will eventually lead to the curtailment of further pressure for population growth on the planet.

CO_2 and photosynthesis: the stuff of life

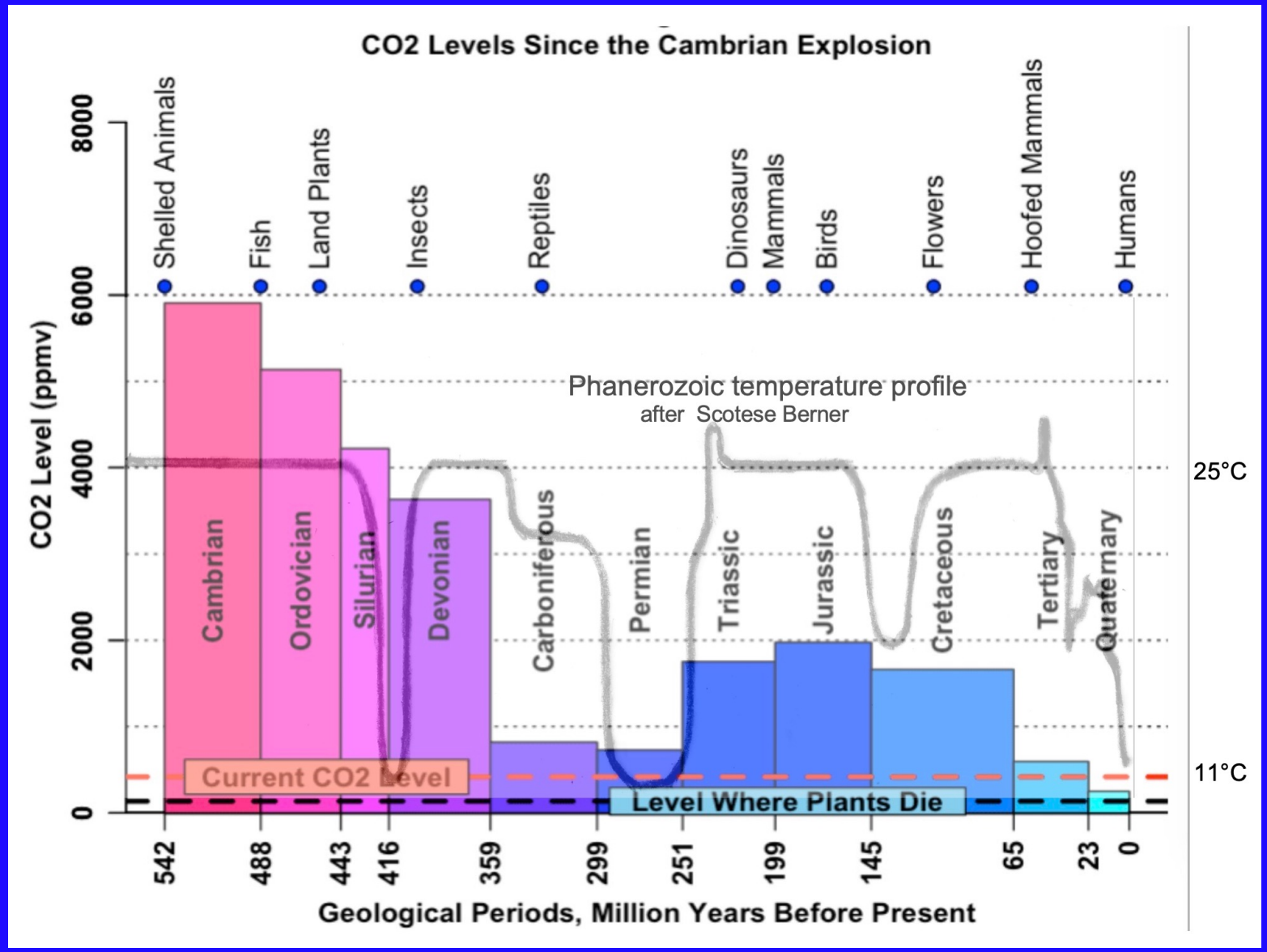
GREEN THINKING by demonising Carbon Dioxide, simply forgets that atmospheric CO_2 is the essential molecule for photosynthesis and thus the CO_2 in the atmosphere is the foundation for all life on earth.

GREEN THINKING fails to understand that more CO_2 in the atmosphere gives rise to more abundant life on Earth and that any likely warming would be a real benefit both for the Biosphere and for Man-kind.

GREEN THINKING forgets that horticulturalists enhance plant productivity by adding CO_2 to their heated Greenhouses, (at ~3-4 times current CO_2 levels 1200 – 1500 ppmv).

GREEN THINKING does not appreciate that the World is currently in a state of Carbon Dioxide starvation: when Plants evolved there was no runaway warming from the high levels, (<15 times), of atmospheric CO_2 in those earlier times.

CO_2 and photosynthesis: the history of the stuff of life



CO_2 and photosynthesis: the stuff of life

GREEN THINKING is therefore in error, when it insists that atmospheric CO_2, whether Natural or Man-made is pollutant.

GREEN THINKING continually tries to conflate Man-made CO_2 emissions with all other types of real Man-made pollution: toxic effluents, plastics, particulate matter, un-scrubbed sulphur dioxide, etcetera.

GREEN THINKING forgets that CO_2, whether mostly Natural or Man-made, is equally well utilised by the natural processes of Photosynthesis.

GREEN THINKING supports Carbon Capture and Storage, (CCS): Carbon Capture and Storage can only be seen as a costly and energy expensive way to try to throw away relatively insignificant quantities of useful plant food.

The real Greenhouse effect

GREEN THINKING forgets to admit that the bulk of the Greenhouse warming effect ~90% or more is attributable to the Water vapour in the atmosphere.

GREEN THINKING fails to understand that CO2 is only a minor player in the Greenhouse effect at less than 10% of the total effect of ~+33°C.

GREEN THINKING forgets that the Man-made CO2 emissions are a minor player in the Natural Carbon cycle.

GREEN THINKING exaggerates the potential of other potential Greenhouse gasses, which are more marginal in their effect than CO2: for example Methane CH_4 reacts with oxygen in the air and dissipates rapidly.

$$CH_4 + 2O_2 = CO_2 + 2H_2O$$

The real Greenhouse effect

GREEN THINKING carefully ignores all other influences on the Earth's climate other than atmospheric CO2.

GREEN THINKING then only focusses on Man-made CO2 emissions: this is in accordance with the limiting mandate of the UN Intergovernmental Panel on Climate Change, the IPCC.

GREEN THINKING at the UN IPCC discounts the influence of variations of the Sun's energy output across all the wavelengths and the effects of planetary mechanics on Climate.

GREEN THINKING is thus in error, in asserting that Man-made CO2 is the only control knob acting on the World's climate.

Radiation physics and future Global temperatures

GREEN THINKING choses not to understand the well-established physics, (accepted by the IPCC in its detailed scientific reports), showing that there is

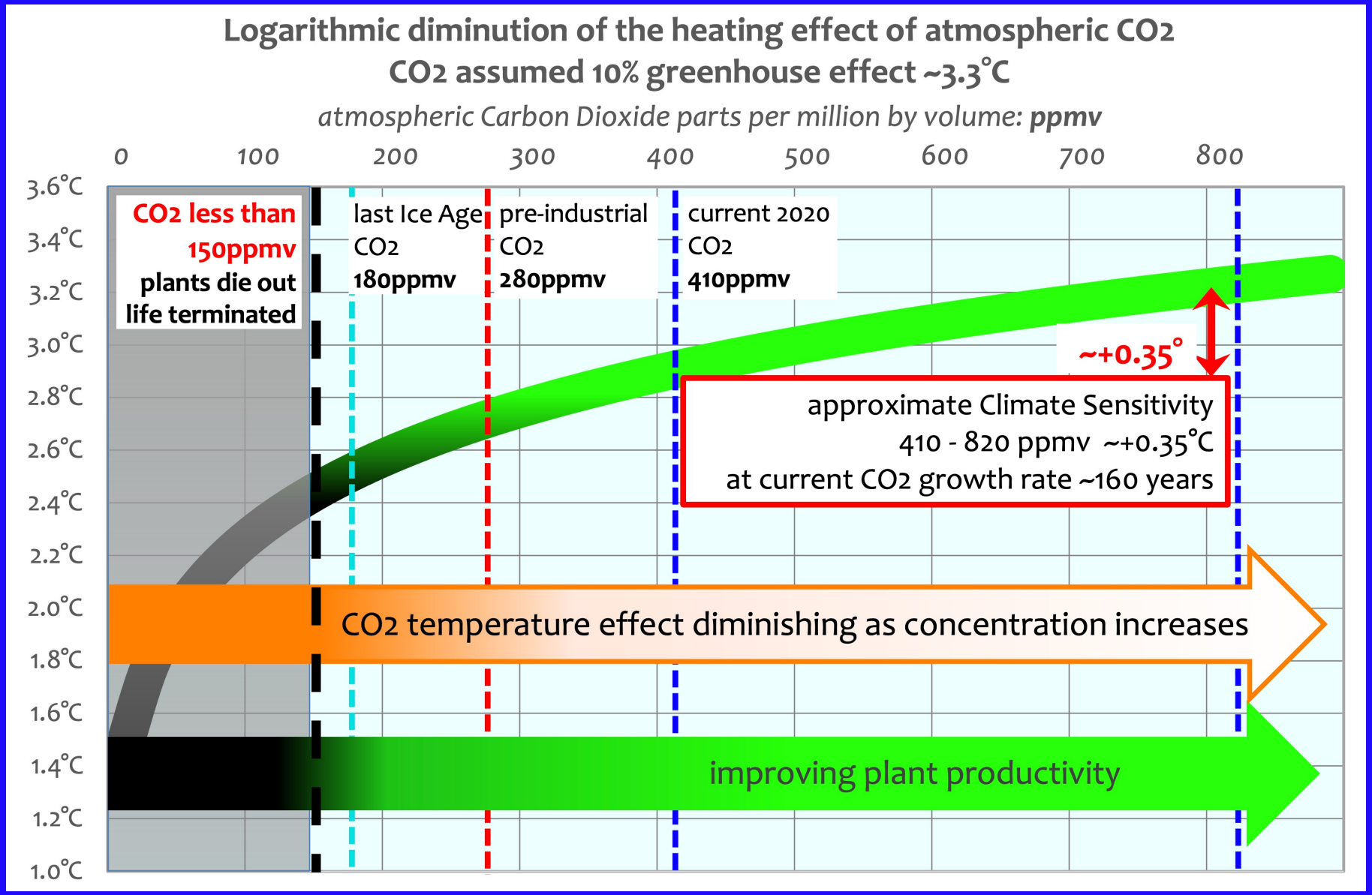
no direct, straight-line relationship

between future CO_2 concentration in the atmosphere and any possible future increase in temperature.

GREEN THINKING discounts the established scientific fact that the temperature enhancing effect of added atmospheric CO_2 has diminished logarithmically, as its concentration has increased

GREEN THINKING fails to understand that the temperature enhancing effect of atmospheric CO_2 is already very close to saturation.

Radiation physics and future Global temperatures



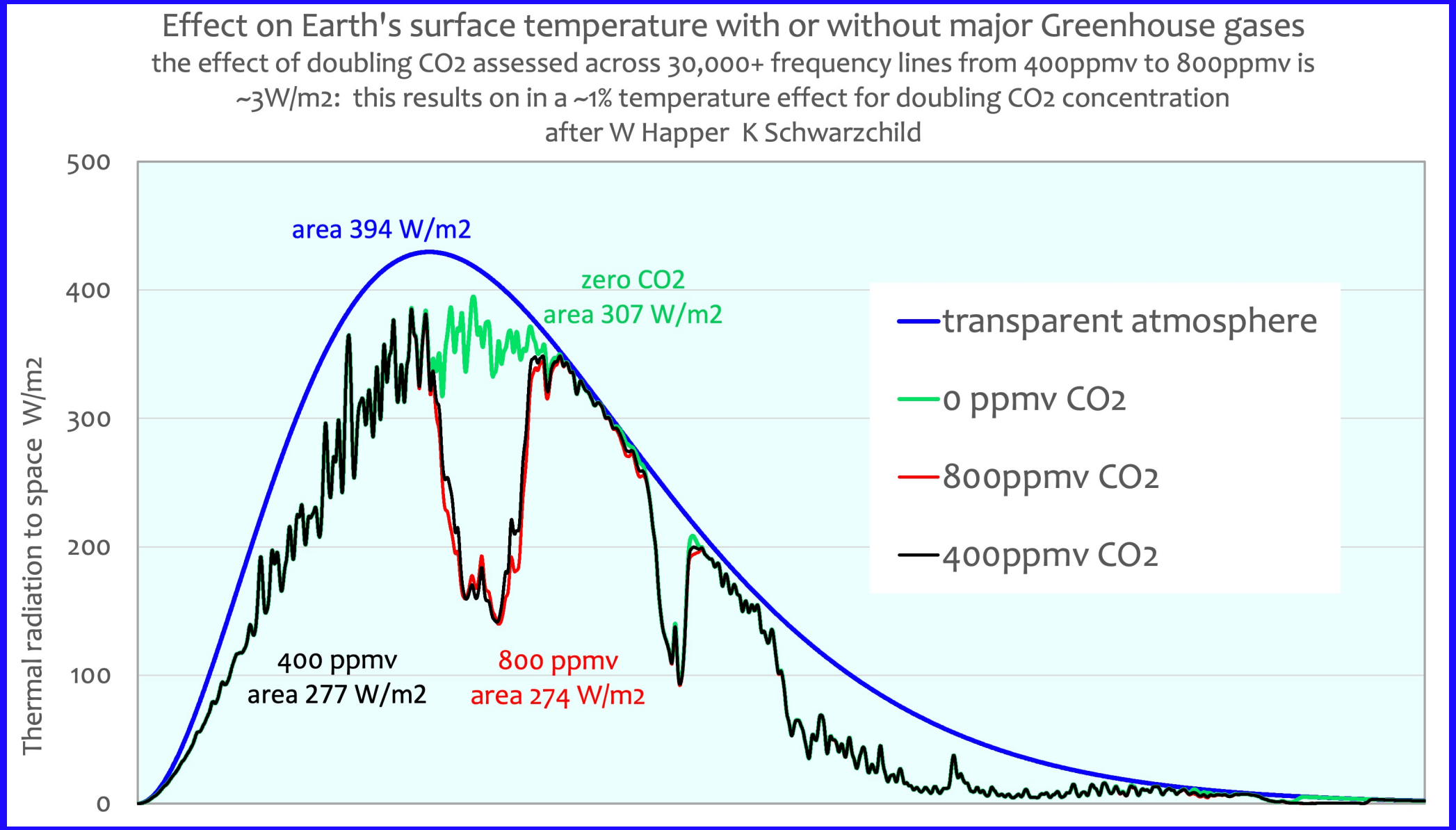
Radiation physics and future Global temperatures

The previous diagram is a simplification resulting in an Equilibrium Climate Sensitivity in the region of 0.35 °C.

Professor William Happer of Princeton University has fully examined the temperature effects of CO2 and the other minor Greenhouse gasses confirming the fact that all other Greenhouse gasses are also close to saturation and are thus now entirely marginal in their temperature effects.

So, any concern about their further temperature effects of all Greenhouse gasses is now simply alarmist.

Radiation physics and future Global temperatures



Radiation physics and future Global temperatures

As Will Happer, emeritus Princeton physics professor said with regard to this slide in a recent lecture:

- *"The important point here is the red line on this chart. It shows what would happen if the concentration of CO2 was doubled. The gap between the black line and the red line shows the extent of the effect of doubling CO2. So, you can see that doubling CO2 now makes virtually no difference.*
- *On the basis of this miniscule difference, we are supposed to give up our liberties, give up the gasoline engines in our automobiles, give up all the benefits of Western Industrial society and submit to dictatorial Government controls."*

"The message I want you to understand is: don't let anyone convince you that is a good bargain: it is in fact a terrible bargain."

Radiation physics and future Global temperatures

GREEN THINKING fails to understand that, as the "Greenhouse" warming effectiveness of added CO2 diminishes logarithmically as CO2 concentration increases, so:

- CO2 at 20ppmv, ~42% of CO2 warming effectiveness is already taken up.
- CO2 at 150ppmv, the minimum concentration of CO2 for plant life and thus all life on the planet, ~72% of CO2 warming effectiveness is taken up.
- CO2 at ~300ppmv, the long-term pre-industrial CO2 level, ~82% of CO2 warming effectiveness was already taken up.
- CO2 at the current level in the atmosphere at 410ppmv ~88% of the warming effectiveness of CO2 is already taken up.
- CO2 at 820ppmv the level of Equilibrium Climate Sensitivity, (ECS), ~96% of the warming effectiveness of CO2 would be taken up.

Radiation physics and future Global temperatures

GREEN THINKING wrongly asserts:

- that there is a direct, straight-line relationship between atmospheric CO2 concentration and its influence on temperature
- that as temperatures warm, the resulting evaporation of added atmospheric water vapour, which accounts for the major part of the Greenhouse effect, will inevitably cause massive positive feedback, amplifying the minor and decreasing temperature effect of additional Carbon Dioxide, CO2.
- that the erroneous and massive positive temperature feedback will cause catastrophic overheating and vast Global damage in the near future.

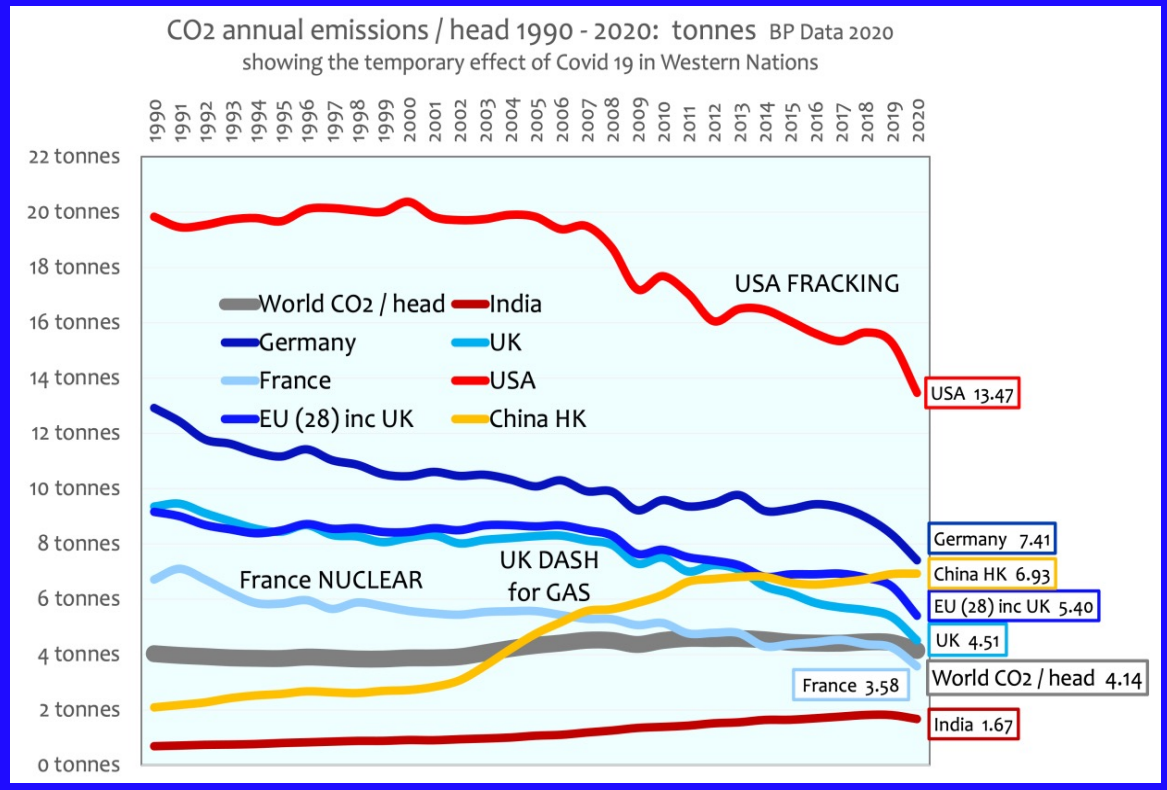
Radiation physics and future Global temperatures

- GREEN THINKING does not understand that, the minor temperature increase effect that might be attained from further Man-made CO2 emissions is both miniscule and is diminishing into the future.
- GREEN THINKING does not understand and accept that the warming effect of any added CO2 is now **so close to saturation** that any extra CO2 in the atmosphere can only ever give rise to very limited further warming.
- GREEN THINKING ignores the fact that because of the logarithmic diminution effect doubling CO2 from the present level to ~800 ppmv can now only cause a reduction of radiation to space of ~3W/m2, (a mere ~1% effect for doubling CO2 concentration on temperature), resulting in very limited temperature change, probably even as low as ~+0.35°C.
- GREEN THINKING does not understand that at the current rate CO2 of emissions growth, ~+2.5ppmv/year, the transition to double the present CO2 concentration could take up to ~160 years: that cannot be an immediate and urgent catastrophe.

Real reductions of Man-made CO2 emissions

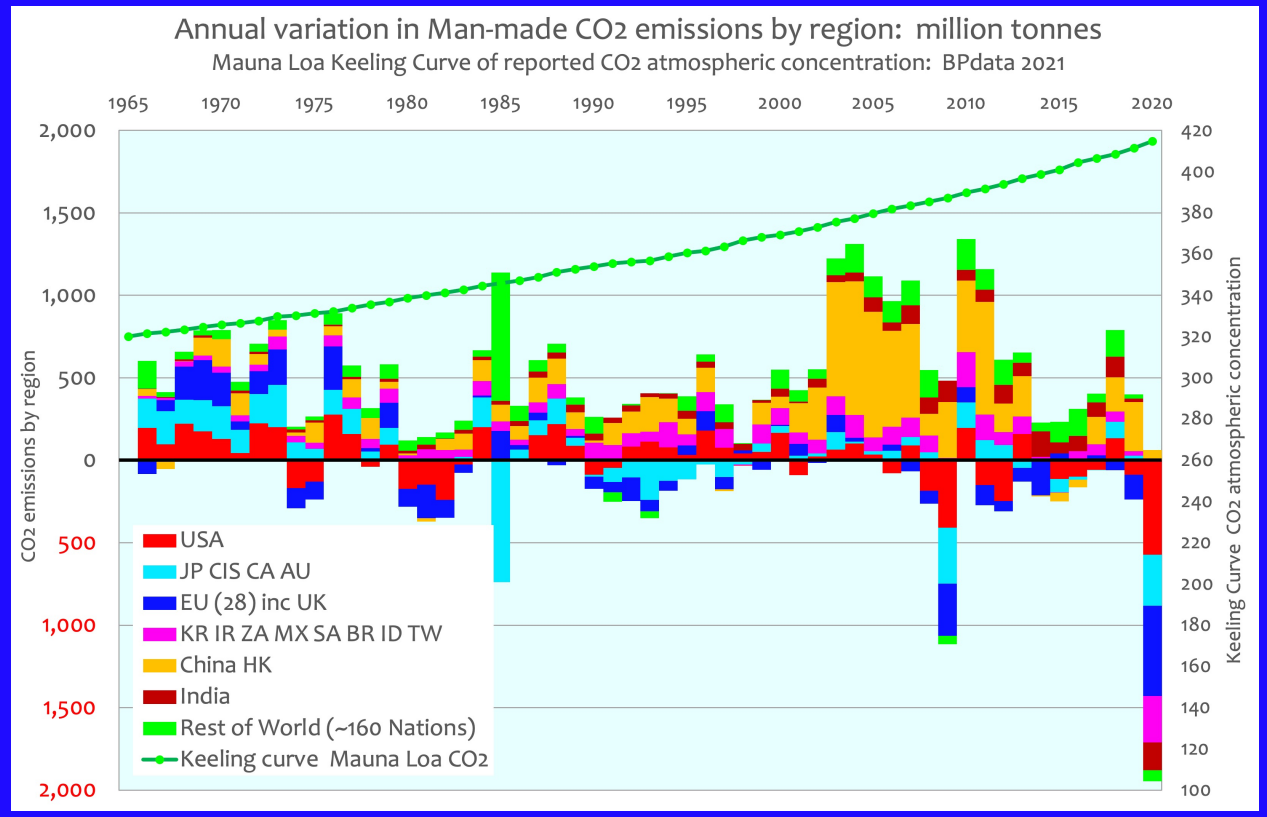
GREEN THINKING irrationally rejects the two realistic ways in which Man-kind might reduce its CO2 emissions, without economic collapse, were it ever necessary:

- the use of natural Gas as opposed to coal for power generation
- the use of Nuclear power.



Real reductions of Man-made CO2 emissions

GREEN THINKING ignores the facts that neither the massive increases in Man-made CO2 emissions in the years 2002 - 2012 nor the COVID 19 outbreak with its significant reductions of Man-made CO2 emissions show any discernible inflexion on the Mauna Loa Keeling curve record of CO2 concentration.



The Holocene context for Global Warming

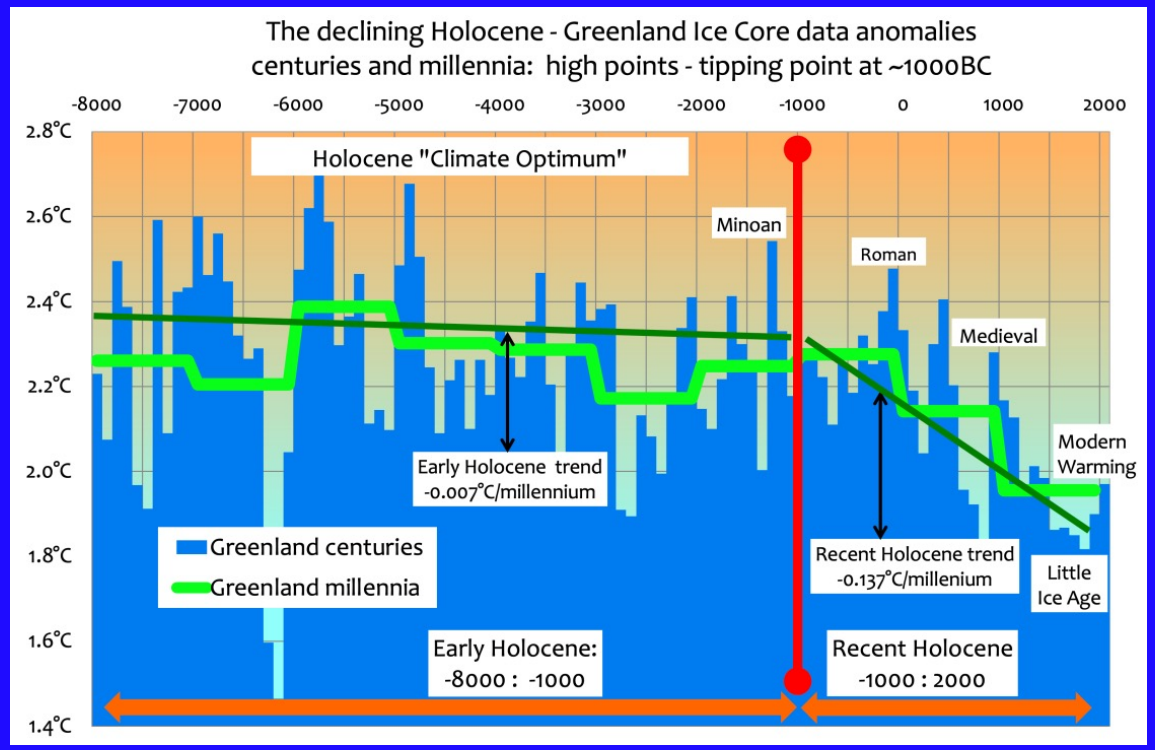
GREEN THINKING forgets that last millennium, 1000 – 2000 AD, was the coldest millennium of our present benign but declining warm Holocene interglacial epoch.

GREEN THINKING ignores the Greenland Ice Cores that show that since the early temperature "Optimum" of the current benign warm Holocene interglacial epoch 8000 years ago each temperature high point:

- Optimum
- Minoan
- Roman
- Medieval
- Modern

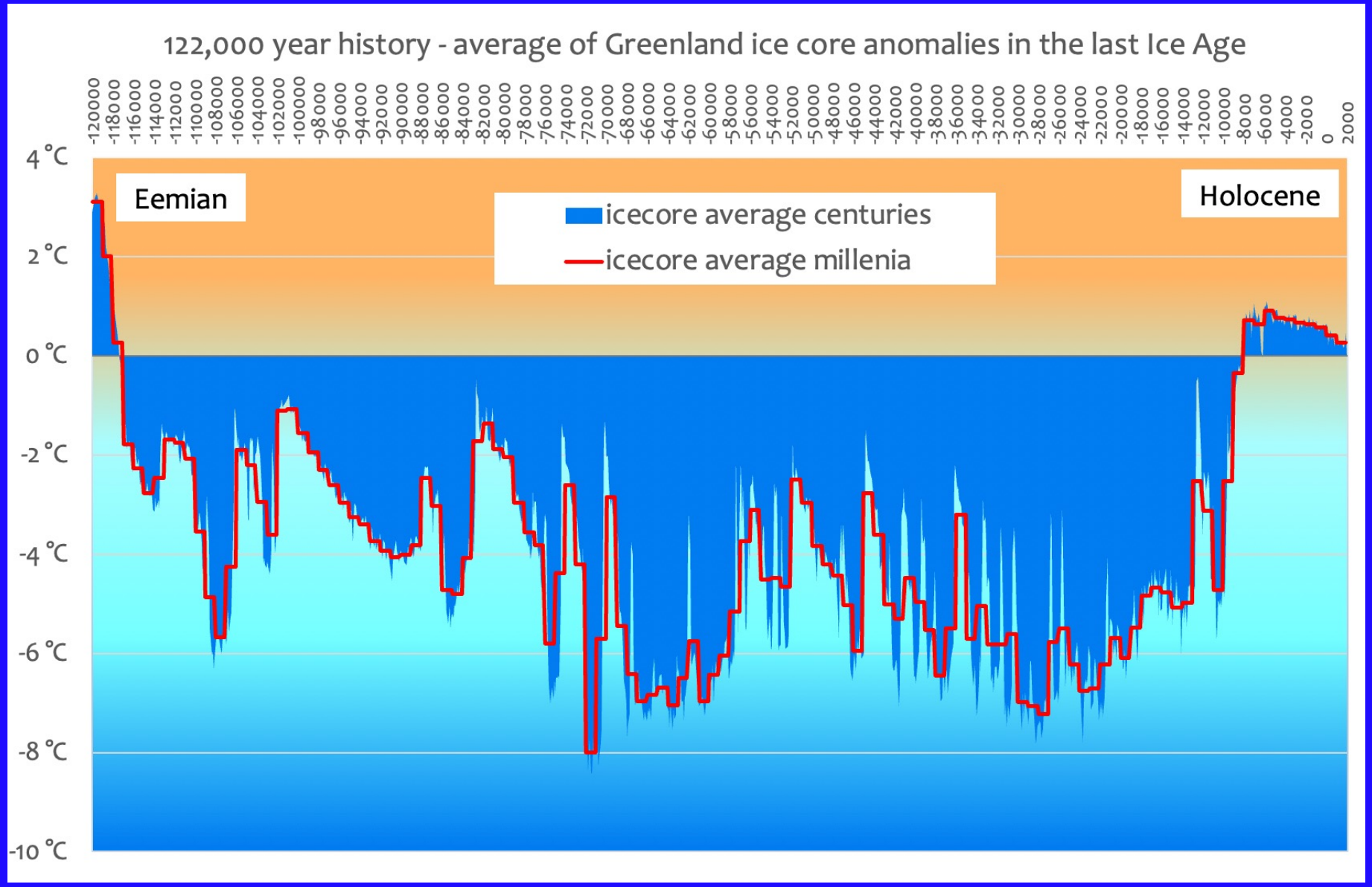
was colder than each previous high point.

The Holocene context for Global Warming



GREEN THINKING ignores the fact that for the last 3 millennia, since a tipping point around ~1000BC, Global cooling has been progressing at a twenty-fold higher rate millennially than in the earlier part of the Holocene epoch that encompassed the highest Holocene temperatures ~8000 years ago at the "Holocene Climate Optimum".

The Holocene context for Global Warming



A real Climate Emergency is in prospect:
it is not from overheating

GREEN THINKING has effectively expunged the idea that a real climate catastrophe would occur with any immediate even minor Global cooling, leading to the loss of agricultural productivity and jeopardising both the Biosphere and agriculture supporting the growing world population.

GREEN THINKING ignores the fact that in 2020 and 2021 there was already evidence of significant crop failures due to colder weather in the Northern Hemisphere.

GREEN THINKING forgets that most agricultural losses from any recent cooling have been substantially offset, so far, by the additional fertilisation effect of higher levels of atmospheric CO2.

A real Climate Emergency is in prospect:
it is not from overheating

Thus, GREEN THINKING has eliminated **all responsible** policy consideration of the effects of a cooling episode, which is already facing the World and which is affecting global agricultural production.

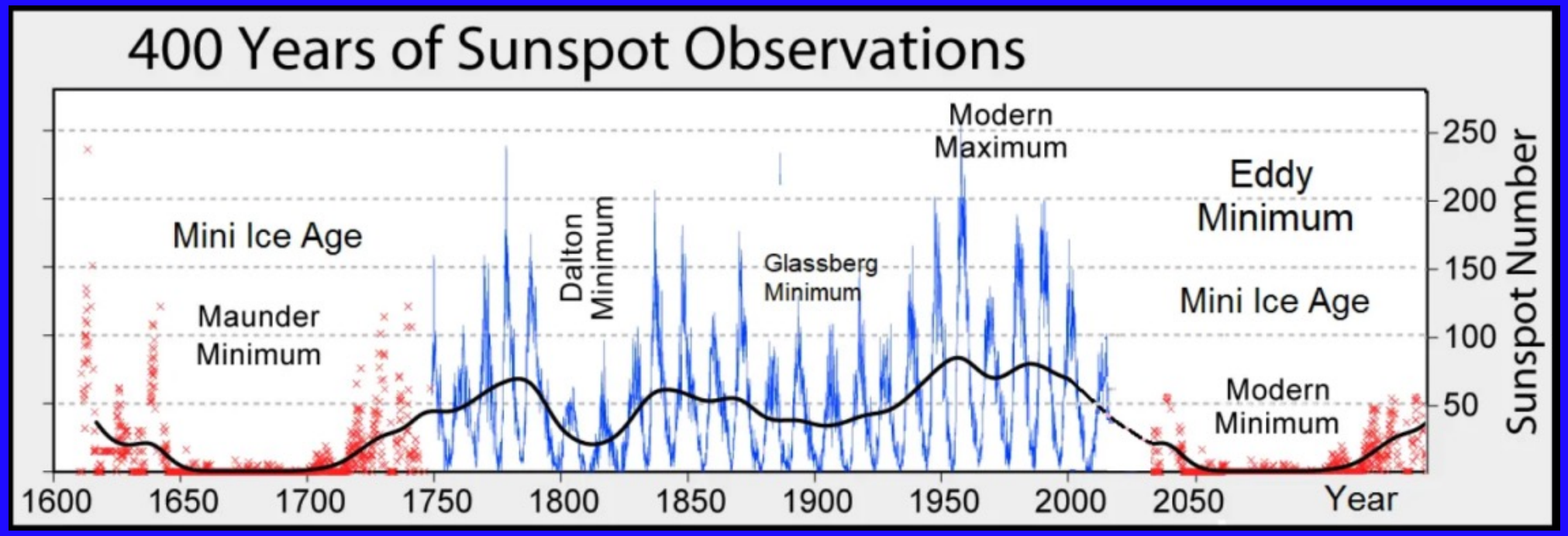
GREEN THINKING prefers to spread panic about Global Warming.

GREEN THINKING ignores the fact that any minor cooling of the planet would be much more devastating to the Biosphere and to Man-kind than some limited and marginal warming far in the future.

GREEN THINKING carefully ignores the fact that after a short spurt of warming at the end of the last century that according to the satellite record their has been virtually no increase in Global temperature for the last 20 years.

Solar activity and planetary geometry control Climate

GREEN THINKING ignores the cogent view, that the World has already entered a longish period, (~50+ years or more), of low Solar activity, which will give rise to significant resultant cooling: such cooling was certainly observed during previous Solar minima.

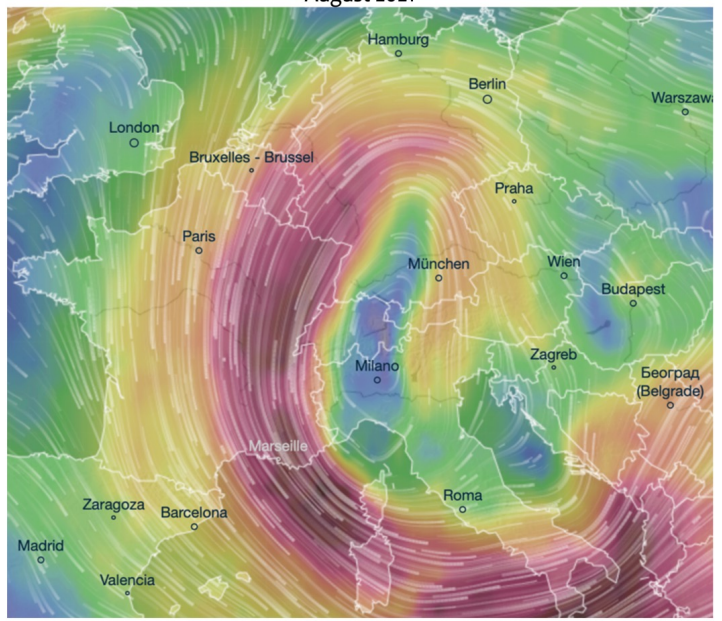


Solar activity and planetary geometry control Climate

Low Solar activity and cooling are likely in themselves to lead to more extreme weather events because the increased energy differential between the tropics and the poles.

Low Solar activity also results in a much more convoluted Jet stream, with excursions both towards and away from the poles: these effects were well evidenced in 2021 by the Texas February cold catastrophe, the British Columbia heat wave, German flooding, etc.

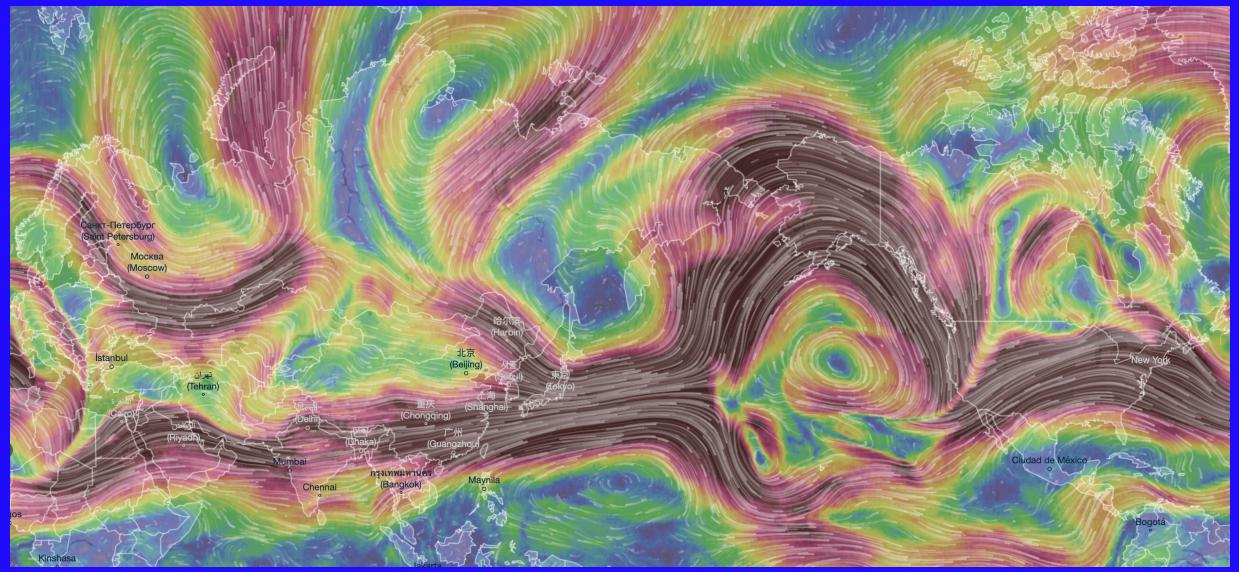
The Jetstream established and static over Germany during the flooding of August 2021



Such extreme and apparently exceptional jet stream events are set to continue for as long as the period of reduced Solar activity persists.

Solar activity and planetary geometry control Climate

Low Solar activity results in a much more convoluted Jet stream, with excursions both towards and away from the poles as can be seen in current data.

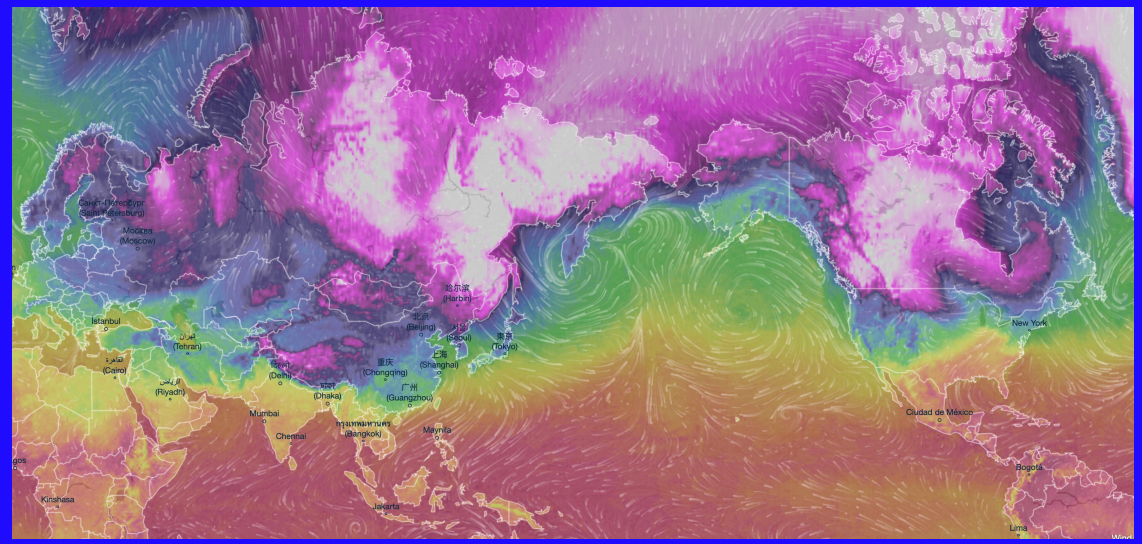


convoluted Jet stream December 2021

consequential low temperature insertions

across Russia and North America but

with warmth in Alaska

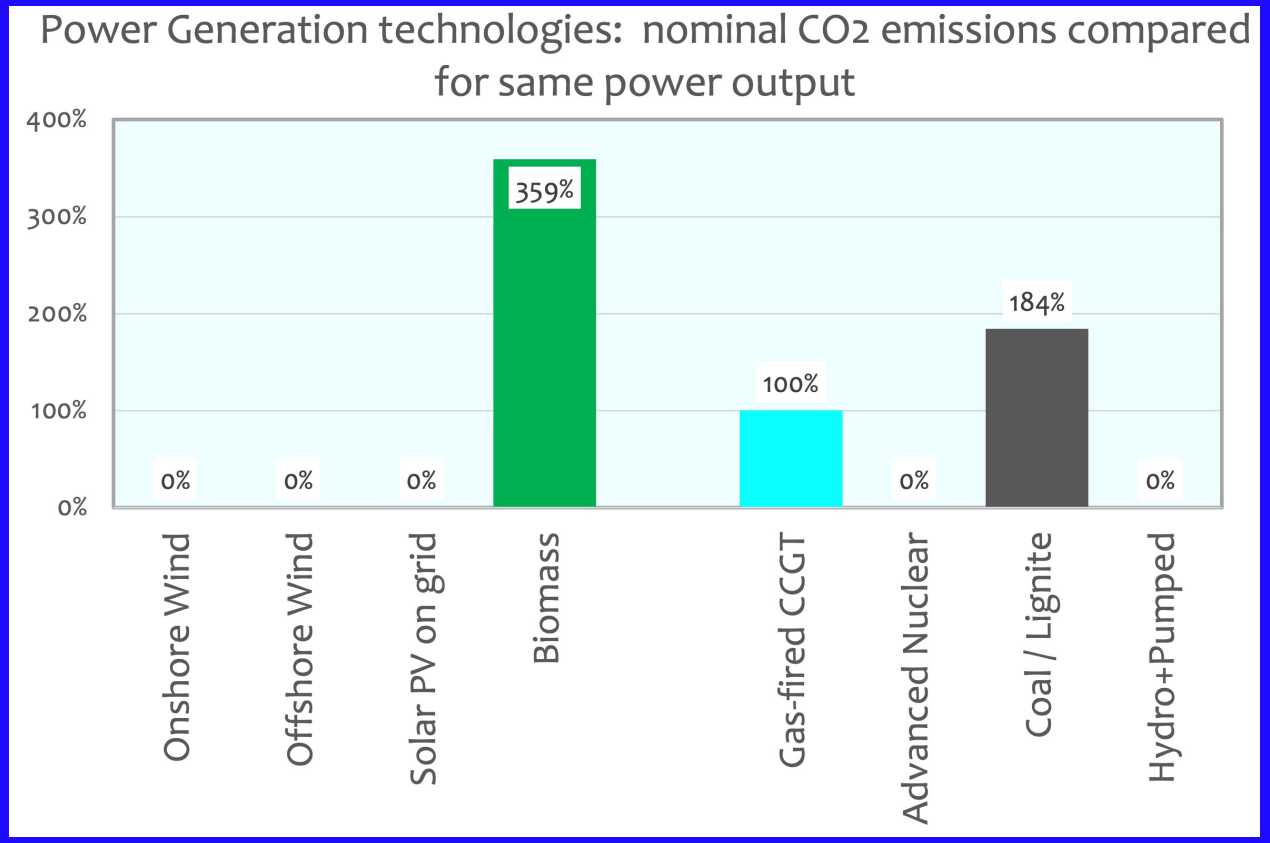


A truly Green solution: Burning trees from overseas

GREEN THINKING asserts that the use of imported Biomass, (dried wood chips), from cleared forests overseas is beneficial for CO2 emissions reduction, (the timber may regrow in due course), when in fact:

- the immediate CO2 emissions from burning imported wood pellets are about 3.5 times that of using Natural Gas and about twice the emissions of Coal-firing for power generation.
- the forest re-growth will take 50-100 years to recover.
- those instantaneous extra CO2 emissions actually negate any possible CO2 emissions savings that might have been achieved from the investments in Weather-Dependent Renewables, Wind and Solar power: this certainly applies to the UK and Germany.
- thus burning imported Biomass or using non-waste Biomass is entirely self-defeating in trying to reduce man-made CO2 emissions.

A truly Green solution: Burning trees from overseas



Using farming techniques to grow food crops for conversion into fuels, Bioethanol, Palm Oil, etc. is equally self-defeating and causes environmental damage and food price inflation, damaging poorer economies,

Penalising the underdeveloped World

GREEN THINKING expects the poorer Nations of the Developing world to renounce all opportunities to advance their well-being.

This is very unlikely, especially when sponsored by the Chinese programmes to install Coal-fired electricity generation throughout the underdeveloped world.

Green thinking and the end of the Holocene epoch

GREEN THINKING forgets that the **real climate catastrophe** will occur at the coming end of our benign, warm Holocene interglacial epoch.

GREEN THINKING forgets that the end of our 11,000 year+ long Holocene interglacial is overdue and true global glaciation could well arrive with full effect as soon as this century or this millennium.

GREEN THINKING does not appreciate that the only way that atmospheric CO2 levels may ever truly reduce, (which will be to the detriment of plant life and life throughout the Biosphere), will be during some future ~100,000+ year long glaciation: then colder oceans will eventually reabsorb atmospheric CO2 and marine life will sequester that dissolved CO2 as limestones.

Green thinking and the end of the Holocene epoch

GREEN THINKING fails to understand that the fact of eventual Oceanic reabsorption of CO2 in a coming Ice Age makes any efforts of by Man-kind to attempt to control the Climate by a limited amount of Man-made CO2 emission reduction irrelevant and entirely pointless.

GREEN THINKING forgets that higher levels of atmospheric CO2, perhaps enhanced somewhat by Man-made CO2 emissions, may be able to protect the World from falling below the terminal CO2 level of ~150 ppmv in a coming glaciation, at which time all photosynthetic life on earth will eventually be extinguished.

GREEN POLICIES

THE SELF-DESTRUCTION of THE WEST
in ADDRESSING a NON-PROBLEM

GREEN THINKING: the self-destruction of the West

There is now an absolute but erroneous conviction amongst the Governments of Western Nations that the only way to tackle their belief in :

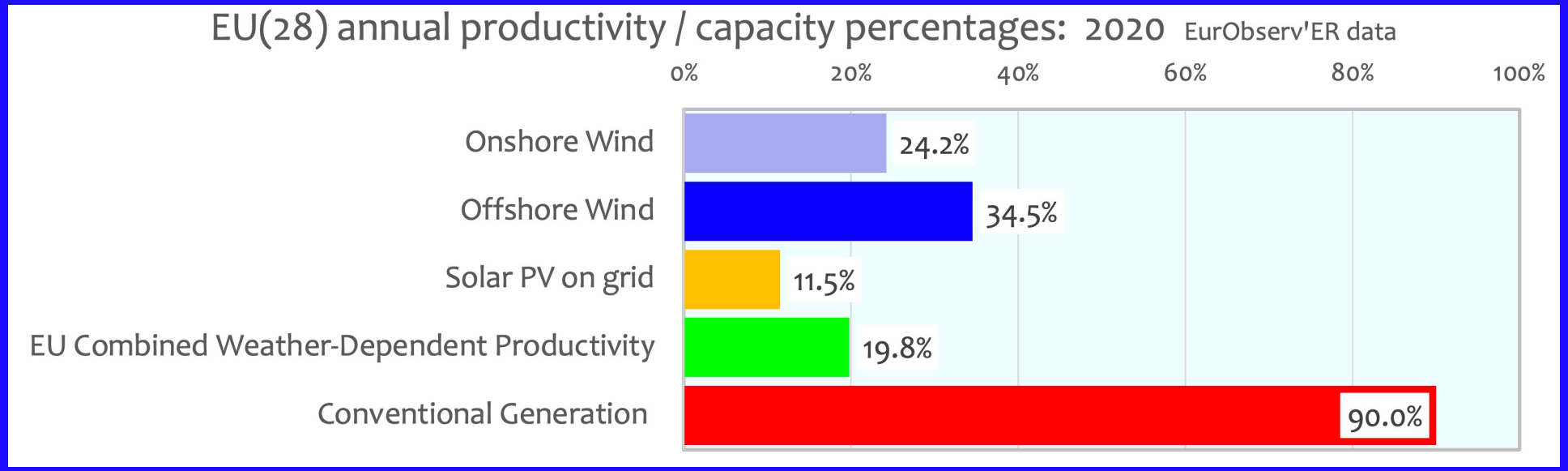
- "damaging" Man-made Global Warming
- the Overheating Catastrophe
- the immediate and existential threat of Climate Change

is to eliminate Man-made CO_2 emissions, particularly in the West, and to fruitlessly expect other less privileged Nations, still with massive developmental demands, to join in:

the concept of Net Zero.

GREEN THINKING: Weather-Dependent Power

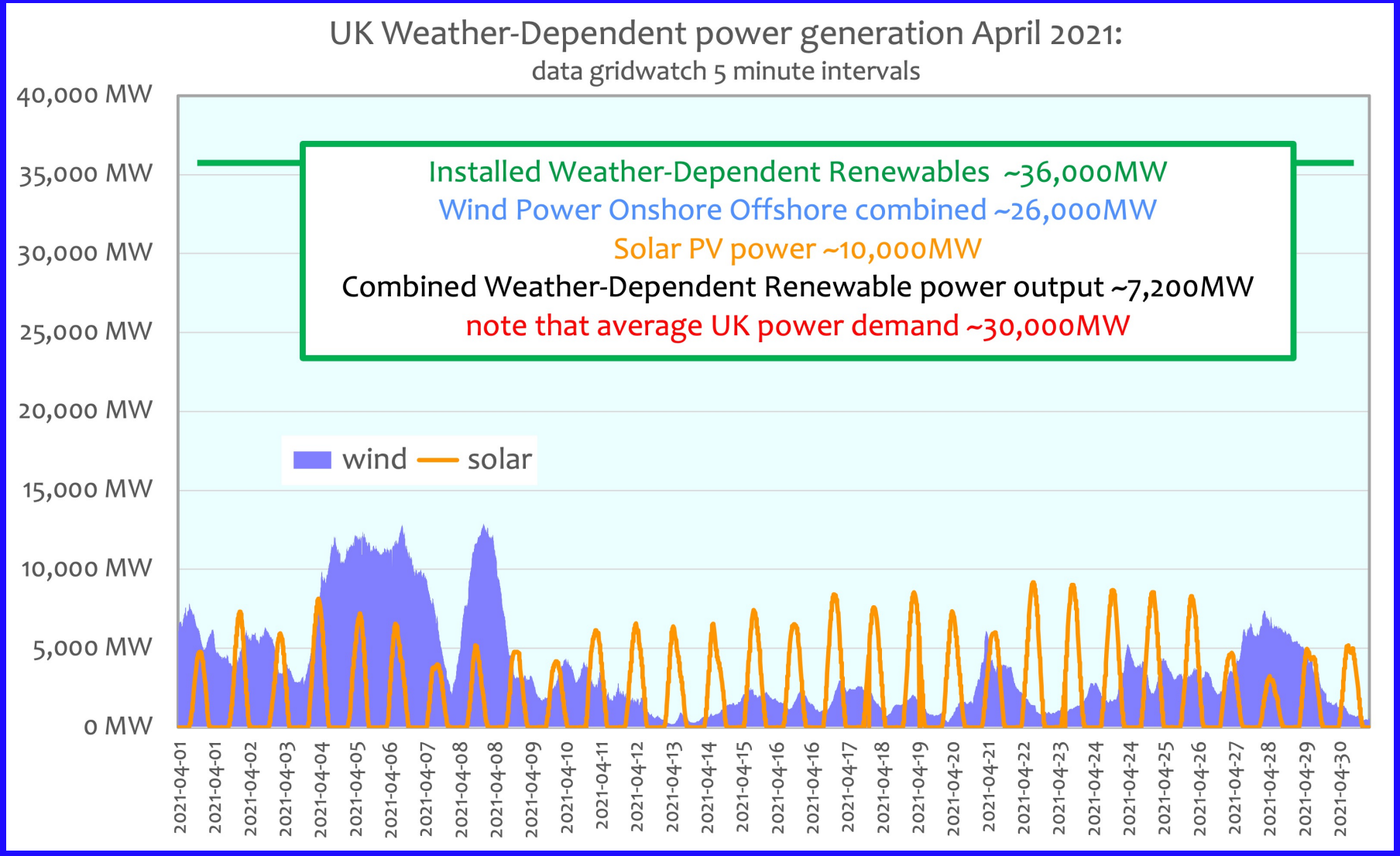
- the overall annual productivity of Weather-Dependent Renewables smooths out the seriously detrimental shorter-term productivity lapses that occur whenever wide-spread anti-cyclonic weather conditions arise: those conditions often last for several days and can be widely established across whole continents.



GREEN THINKING: Weather-Dependent Power

- unreliability resulting in long-term outages, for example, static low wind weather patterns can often occur as were experienced across Europe in the Summer of 2021.
- the graphic below shows the Wind-power and Solar power production from the 22.3 Gigawatts nameplate value of UK installed turbine fleet in April 2021, for the majority of the month productivity / capacity percentages were less than 10% of the installed name plate value.
- with Solar energy those precipitous losses of production occur on a daily basis was the world turns.

GREEN THINKING: Weather-Dependent Power



GREEN THINKING: Weather-Dependent Power

The scale of the extended productivity loss that can occur with wind power is clear.

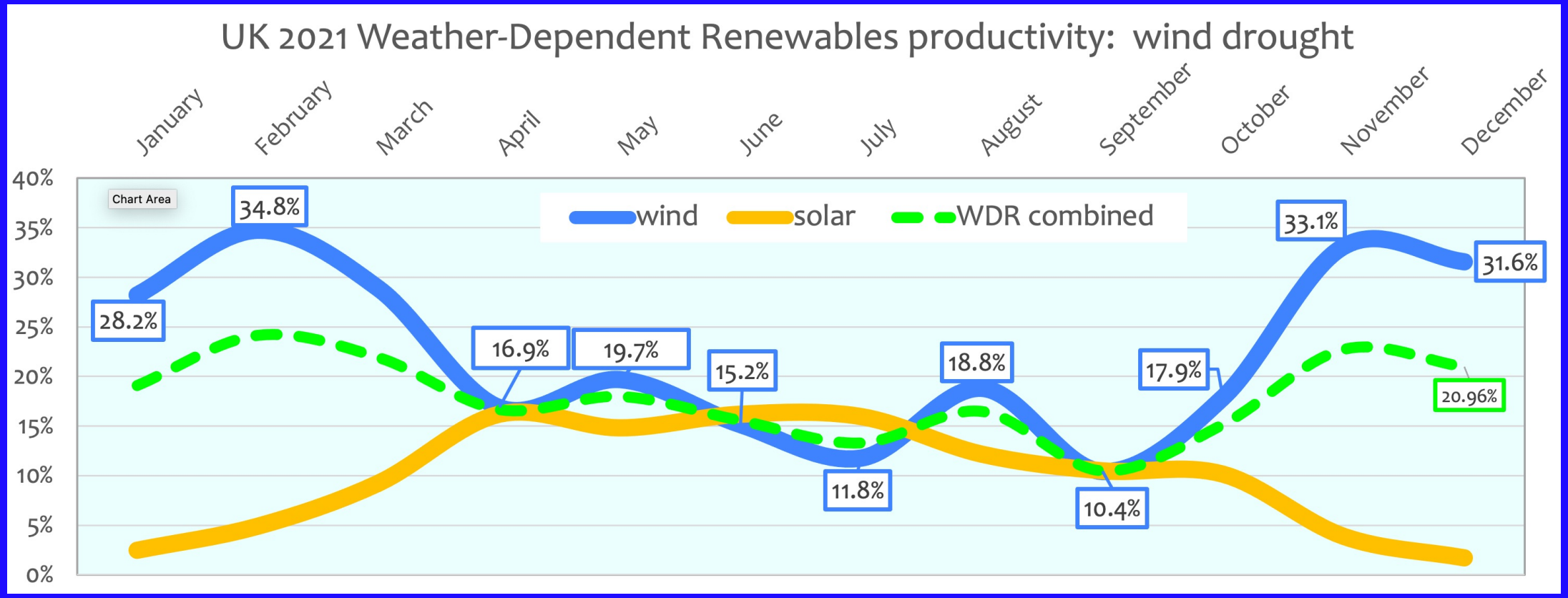
A reasonable combined, (Onshore and Offshore Wind), productivity value for Onshore and Offshore wind power should be well in excess of in excess of 30%.

However from April 2021 to September 2021 combined Wind productivity / capacity percentage fell below 20% and even reached as low as 12% throughout the month of July 2021.

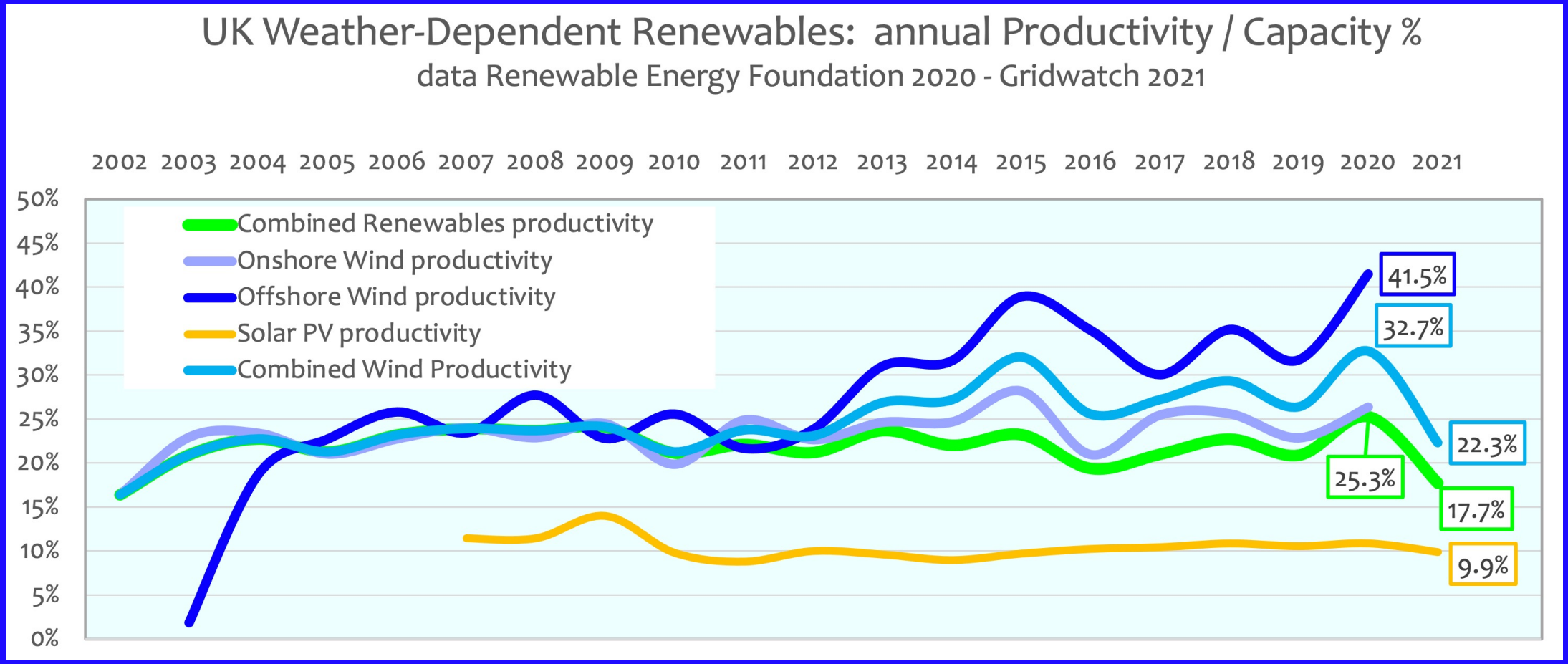
This was compensated for somewhat by the intermittent input from solar power, which reached 15% in the summer months.

Nonetheless the combined Renewables productivity capacity % remained around ~15% for the whole of the summer in 2021.

GREEN THINKING: Weather-Dependent Power



GREEN THINKING: Weather-Dependent Power



GREEN THINKING: Weather-Dependent Power

These graphs only address the ineffectiveness and the comparative costs of the primary "Weather-Dependent Renewable Energy" technologies, Wind power and Solar PV power.

There are other more onerous, less effective and more costly courses of action being proposed or implemented, such as:

- ineffective heat pumps for domestic heating
- the imposition of electric vehicles
- steam reforming or electrolysis to produce hydrogen
- etc.

to ineffectively "*save the world*" from Western Man-made CO_2 emissions.

GREEN THINKING: Weather-Dependent Power

The estimates show the true scale of **the fiscal damage and also the real failures to curtail actual CO2 emissions** achieved by the obsessions of "GREEN THINKING" by:

- effectively banning fracking for Natural Gas throughout Europe.
- the irrational demonisation of Nuclear power generation.
- the use of imported Biomass for power generation.

https://edmhdotme.wordpress.com/weather-dependent-renewable-technologies-performance-and-cost-slides/

https://edmhdotme.wordpress.com/comparing-performance-and-cost-characteristics-of-power-generation-2020/

GREEN THINKING : the self-destruction of the West

GREEN THINKING has caused Western Governments, particularly in the European Union , the UK, Germany and now in the USA, to ignore their absolute priority to ensure stable, continuous and cost-effective power supplies for their populations.

Instead, Western Governments seem to see as a sole priority the elimination of their use of fossil fuels to avoid a possible and probably beneficial, Global Warming in the far future.

Western Governments having bought into the GREEN THINKING that Catastrophic Man-made Global Warming is an immediate and existential Global threat that they, even when faced with simple but devastatingly and clearly wasteful calculations, are nonetheless still dismissive and assume a position of:

"willful ignorance" and a stance of *"don't confuse me with facts, we are saving the world".*

GREEN THINKING : the self-destruction of the West

An excellent way to undermine Western economies has been to render their power generation unreliable and expensive.

That objective of GREEN THINKING is progressively being achieved by Government policy but with no popular understanding or popular mandate throughout the Western world.

It is patently clear that Western actions alone can never save the World from the Climate Change, even if it ever needed saving, but these actions can do untold fruitless self-harm to Western economies and populations.

GREEN THINKING: the self-destruction of the West

The true beneficiaries of Western GREEN THINKING are Russia and China: they are obviously unconcerned about the Western belief in an overheating Climate and are mocking the self-harming actions of their Western adversaries.

Russia, in particular, has done much to promote the idea of the Global Warming catastrophe in the West by financially encouraging the propaganda of "Western environmental NGOs".

This actual aggression is acknowledged by NATO.

As a result China and Russia are gaining ever more destructive control over Western Nations and Society.

GREEN THINKING: the self-destruction of the West

So, spending any effort, for emotional reasons and in the quasi-religious belief in the evil of Western industrialisation and Man-made CO_2 emissions:

- without full due diligence
- without consideration of all alternative scientific views
- without true and rigorous cost benefit analysis of the GDP scale costs
- without detailed engineering consideration and unbiased costing for any proposed technical solutions.

trying to stop the UK's 1.0% or the EU's 8.6% of something that has actually not been happening for 3 millennia has to be monumentally ill-considered.

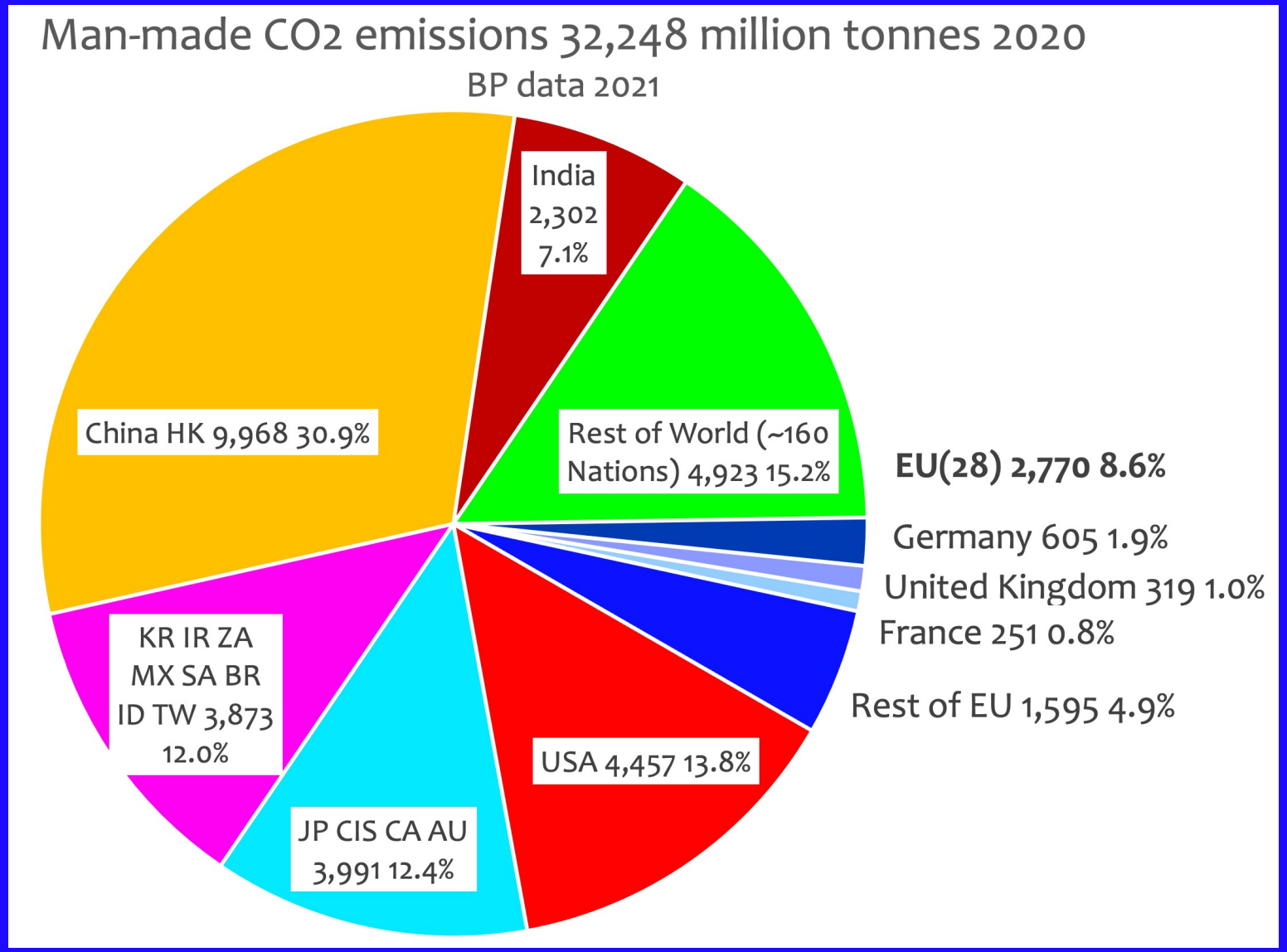
GREEN THINKING: the self-destruction of the West

So, Green Thinking is a contradiction in terms.

GREEN THINKING has made it impossible for Western politicians to carry out the wise and financially prudent energy policies by admitting that:

- Climate Change due to Man-made CO2 emissions can only ever be, at worst, a minor problem amongst many other Global priorities in the far future, if by then it is of any real concern at all, (Bjorn Lomborg).
- any active Western policies are hardly capable of affecting the Climate at all, especially if actions are unilateral and are only supported by a minority of developed Nations.

GREEN THINKING: the self-destruction of the West



GREEN THINKING: prudent Climate policies

- understand that Man-made Global Warming / Climate Change is not an immediate and existential threat to the World but instead perhaps just a minor problem in the far future.
- have the courage to resist Green clamouring.
- accept that Weather-Dependent Renewables are financially wasteful, not viable without massive subsidies, and actually ineffective at reducing Man-made CO_2 emissions.
- accept that as Weather-Dependent Renewables are unreliable: they are unable to support the power supply of a developed Nation, (David Mackay).

GREEN THINKING: prudent Climate policies

- rescind all Green oriented policies and expenditures and stop trying to control Climate Change.
- save the people's money and do nothing.

GREEN THINKING: the destruction of the West

Professor Richard Lindzen UK parliament committee testimony 28/1/2014 on IPCC AR5:

"Whatever the UK decides to do will have no impact on your climate, but will have a profound impact on your economy. (You are) Trying to solve a problem that may not be a problem by taking actions that you know will hurt your economy."

Professor Judith Curry's Congressional testimony 14/1/2014:

"Motivated by the precautionary principle to avoid dangerous anthropogenic climate change, attempts to modify the climate through reducing CO2 emissions may turn out to be futile. The stagnation in greenhouse warming observed over the past 15+ years demonstrates that CO2 is not a control knob on climate variability on decadal time scales."

These quotes could be paraphrased as:

"doing nothing for the next fifty years is a much better option than any active political measures to control climate."

GREEN THINKING: references

https://www.globalresearch.ca/why-do-nato-states-commit-energy-hara-kiri/5767063

"Dependence of Earth's Thermal Radiation on Five Most Abundant Greenhouse Gases"

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