



ALARMING SITUATION

The WMO predicts that between 2021 and 2025 there is a 90% probability that there will be a global temperature increase to 1.5°C. This means that the UN's goal of not exceeding this threshold will not be heard by the rate of warming itself. global acceleration.

While by 2030 we will reach 450 ppm of CO₂, if we continue at the same rate of pollution, and as a result of the fateful 2°C that will activate the positive feedbacks that will cause the abrupt thawing of the Arctic continental permafrost and then of the submarine clathrates, which they already show an active defrosting process.

At the same time, the floating ice from the North Pole will have disappeared during the summers, along with the albedo effect and the Arctic Ocean will be warming to 5° / 7° C activating the release of methane gas hydrates from the bottom.

Then the global temperature will skyrocket to ~ 4° / 6° C and up to 12° C at both poles, starting the accelerated thaw of Greenland and Antarctica, the oceans may rise up to 60 meters in years and not in millennia, flooding all the coastal cities and causing 600 million simultaneous environmental refugees.

If we want to avoid this catastrophe, we must take a double coordinated action. On the one hand reducing carbon emissions and on the other reducing per capita energy consumption and extracting CO₂. To curb the inertia of CO₂ already underway, we must make an extraordinary effort of zero emissions in the immediate future.

To achieve this, individual vehicles that run on fossil fuels in cities must be banned and replaced by urban passenger transport, possibly electric or hydrogen. Ban tourism. To turn off the lights of all the cities at 20 hours. Reduce the consumption of red meat by 80%. Replace intensive crops with organic ones. Invest intensively in alternative energies. Plant no less than 30 billion kiri trees per year, and then cut down their trunks and bury them, returning the sequestered CO₂ to the subsoil

Within the Climate Emergency it is necessary to include that the great ecological reserves of the planet, on which the global ecosystem depends, become international jurisdiction under the administration of the United Nations. What happened with the fires in Amazonia has served as an example of the irresponsibility of what national sovereignty can over the "green lung" of all Humanity.

It is imperative to abandon the idea that we can successfully meet the challenge of Global Warming with all the comforts of today's consumer society. We will have to leave the comfort zone and many amenities to which we are accustomed. We have no alternative.

We must make drastic cuts in our individual consumption habits to achieve effective global results. And the most difficult, perhaps, of all, to install in world society the practice of only one child per family. The planet can only support 5,000 billion. We must reduce the current overcrowding.

Being more and more, the problems increase. If we do not accept the challenge and continue to pollute and overpopulate, we run the risk of unbalancing the planet's global ecosystem to the point where it is no longer suitable for sustaining life.

It is a fatal mistake to propose a 45% reduction in emissions by 2030 or 80%. If we want climate security, we must apply zero emissions from 2022 and thus stop eco-systemic feedbacks.

We will be 8,600 million inhabitants by 2030 and between 10,000 and 12,000 million by 2050. Energy consumption will then have increased 50% and 100% respectively. With these levels of demand, it is unlikely to reach zero emissions by 2050 by developing renewable energies up to 85% of the world's electricity.

The idea of needing an area the size of Australia to dedicate to energy crops will be insufficient if demand continues to grow under the pressure of overpopulation.

We would need to double that surface area, which is irrational and impractical. So it is urgent and imperative to do two things simultaneously: 1. Reduce energy consumption by 50%. 2. Reduce overpopulation to 5,000 billion by limiting the number of children to just one per family.

This must be understood, it must be done yes or yes, we have no other alternative. In case we do not, our planetary ecosystem will totally collapse and the 7th mass extinction will arrive, which will include us all.

Let's repeat the concept of what has to be done so that it is understood: We have dumped a huge amount of CO₂ into the atmosphere, which is a slow inertia gas. That means that even if we stop polluting, the temperature will continue to rise and the dreaded natural positive feedbacks from ecosystems will skyrocket, generating more warming and thawing of permafrost, methane and ice.

To stop this cycle, we must proceed to apply zero emissions immediately. To achieve this, it is necessary to reduce energy consumption by 50%, apply a massive investment in replacement alternatives and plant 500 billion kiri trees to extract atmospheric CO₂. It is within our power to do so. We will not like it. But it is the effective remedy for the Global Warming disease and to this add that no family can have more than one child. Go to the limitation of overpopulation and return to 5,000 billion inhabitants by 2075.

50% of the corals have already died, we killed 50% of the fish, we killed 60% of the biodiversity, we cut down half of all the forests, we polluted all the oceans, the temperature rose more than 1.1°C and

several degrees. more at both poles, which are already thawing, just like permafrost and clathrates, rainforests and forests are on fire, there are hurricanes and intense and recurring droughts, rivers and lakes are drying up, glaciers are thawing. All ecosystems are crumbling and we continue without reacting, will we wait until the water reaches our knees and we don't have to eat?

If we apply taxes to hydrocarbons and remove subsidies to them, the cost of public transport will increase throughout the world and poor countries will suffer the most. In addition, food will become more expensive. Therefore, a Strategic Environmental Investment Action Plan is required to balance change with the needs of world societies and not break the current standard of living.

For this, it is necessary to invest large percentages of world GDP, as happened during World War II. It is necessary to invest intensively in alternative replacement energies, especially to accelerate the commissioning of fusion reactors, which will make it possible to replace all the thermal power plants that today operate by burning coal, causing high CO₂ pollution.

We must educate the world population to implement the habit of reducing individual and collective energy consumption by 50%, otherwise the attempt to stop global warming and save the Arctic will fail. We must all understand that our environmental reserve has been exhausted, so we are forced to adapt to the new situation or face a catastrophe of biblical proportions.

At the same time, no less than 30 billion new kiri trees need to be planted per year, up to 500 billion, and CO₂ captured in the logs, then cut down and buried, to buy climate time, while reducing dependence on hydrocarbons. The kiri tree can purify infertile soil, it also absorbs 10 times more CO₂ than any other species. It can reach up to 27 m in height and a trunk between 7 and 20 m in diameter.

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