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MASTERPLAN: Cooling the Planet

Towards a CO_2-NEUTRAL WORLD

It seems possible with the energy supplied by our own planet through the deserts and through polar regions with the help of:

- Airloom Wind Turbines
- H2 pro
- Hydrozine Dens

Introduction

The Earth has existed for about 4.5 billion years. Life for about 2.5 billion years. There are not that many planets in our vicinity where we can also live with clean air and clean water. We can live on this earth for another 1.5 billion years.

During those 2.5 billion years, all fossil fuels were formed. For roughly the last 100 years, we have been heavily burning up those fossil fuels. This produces CO_2, which warms the earth like a blanket.

The world is already a bit on fire. Canada, Southern Europe, and it is getting quite a bit warmer everywhere. A call to all governments. We must join forces and work hard toward a livable world for now and in the future. And not hesitate.

After always searching for new wind turbines and cars that run on air with cold air coming out of the exhaust, something was found with the help of AI. The scholars may develop it further, and Elon, Jeff, Mark, Steve, Bill,... can possibly chip in.

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Chapter 2: How then?

All engines will no longer run on fossil fuel or electricity, but on Hydrozine and icecold CO_2. Hydrozine is neither toxic nor environmentally harmful. It is also not dangerous, not explosive, and not pressurized. There are already bulldozers and excavators that run on hydrozine.

Hydrozine is made from Hydrogen and CO_2, so after combustion you get water and CO_2 again. Okay, CO_2-neutral then.

But how do we get Hydrogen? The company Pro Tec has developed a process that makes hydrogen from electricity with an efficiency of 90 percent.

How do we get the electricity? With a great many Airloom wind turbines; these are wings that rotate horizontally over a rail, roughly a few meters above the ground. We place these Airloom wind turbines in Antarctica, with the always ice-cold Katabatic winds. We also cool the CO_2 there into a liquid and into an ice-cold solid.

The entire process in Antarctica:

- Airloom wind turbines generate electricity.
- With H2pro, hydrogen is made from this.
- Hydrozine is made directly from this there.

Application

Ship engines are converted and the pistons are driven by hydrogen. The hydrogen is extracted from the hydrozine using a reformer. Hydrogen for combustion and ice-cold CO_2 for pressure buildup. The used CO_2 is captured and cooled with frozen CO_2.

Trucks and passenger cars can also use this technology. However, they have 2 tanks on board: the hydrozine and a type of LPG tank with the ice-cold liquid CO_2. No more lead-heavy batteries. Airplanes can also use a similar technology.

Furthermore, district power plants can store energy in the summer in the form of hydrozine and use it in the winter for heating and electricity.

Logistics:

All tankers run on hydrozine and ice-cold liquid CO_2 and capture the CO_2 and clean water. Polar tankers collect the hydrozine, liquid CO_2, and solid CO_2 from Antarctica and bring them to Tasmania. Regular tankers (converted oil tankers) bring these products to the world's ports. The tankers bring the used CO_2 back to Antarctica.

Of course, there are also other suitable places with ice-cold wind, or lots of wind. Additionally, the desert engine is being developed, which runs on the difference between day and night temperatures.

Economic:
The payback period is months rather than years. Fuel at the pump will become more affordable.

Environment:
Diesel generators are no longer used in Antarctica. No diesel ships sail around Antarctica anymore. In the summers, cold air comes out of the exhausts; in the winters, warm air.

A more detailed version at:

Detailed Version

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