

A VERY INCONVENIENT SOLUTION,

Carbon Capture and reuse, not the Carbon Tax

Saturday February 4th, 2017

Philip Jason E Smeall CET, BES

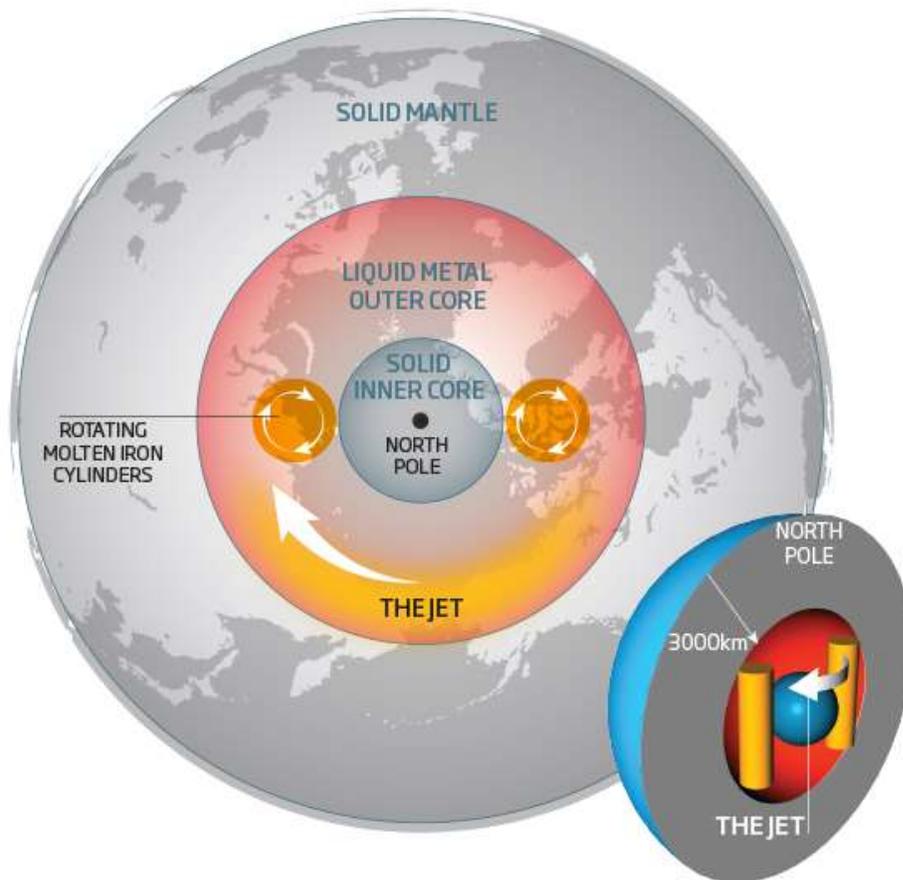
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- 1- **Introduction;** I just finished watching for the 2nd time, Leonardo DiCaprio's "[Before The Flood](#)". DiCaprio's [Gulliver's Travels](#) of a sort, but with Leo traversing the four corners of the world in search of a solution perhaps, for the Environmental Phenomena known as Climate Change [see Global Warming, and previous to that, the [greenhouse effect](#) of the 60's 70's]. An obvious look at the White Elephant in the room, but with no mention of Engineered solutions, other than the substitutions of Wind and Solar. So, let's quickly look at both other KNOWN causes and effective & tested solutions.
- 2- **Other Warming inputs;** A-The [ring of fire](#) and [geological heating effects](#) on ice sheets [long time effect known amongst geologists]. Geo ocean heating effects also affect the release of methane into the atmosphere by melting out deep Ocean Hydrates or "Burning ice" the release of which contributes far more than any CO2 emissions

Mystery molten jet

A massive jet stream of molten iron seems to be circling the northern hemisphere in a westerly direction inside Earth's liquid outer core



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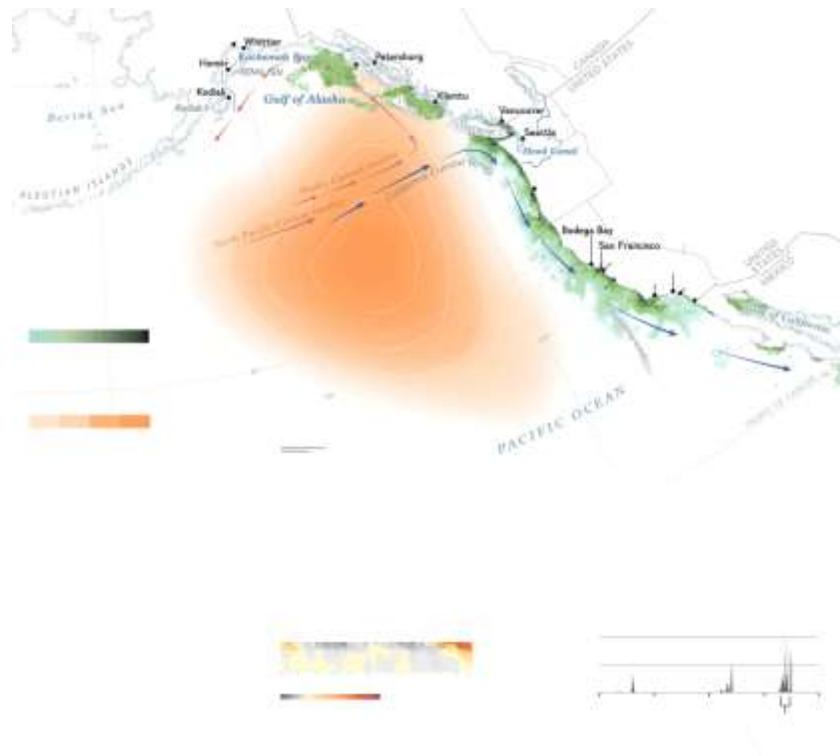
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B - Solar effects. Note that records on planetary surfaces without an atmosphere [Moon-natural satellite] and Mars [with atm] are going UP. In addition, Solar activities which are very complex and increasing in magnitude have a very direct effect on our Atmosphere. Arguments go back and forth on the luminary effects of heat transfer from the Sun but always forget the even more powerful effect from various forms of Solar eruptions.

C- Population/urban effects-- it is an absolute and recognized effect that so called micro climates of large urban centers are always at odds with the actual Mother Earth or more ambient averages of Rural and Hinterland areas. However, the urban-densely populated areas get blended into the stat mix, which overall is a Witches Stat-Brew of incompetence and deception at best. Also the High Priests of Global Warming and their Hockey Sticks, refuse to note the effect of the human population hockey stick. The problem if any with so called man made global warming comes more from each of us and our breathing farting bovine suppliers of dietary protein, than does any auto mobile. Hey electric cars would be great, but electric semi's, long haul excursion buses like grey hound, transport trains, tractors, combines, planes and large ships? Yes the Hydrogen economy can work, but what the so called Enviro Types FORGET to tell you [many whom do not have a degree in any applied geo-earth science let alone any knowledge of just how dependent the world is on fossil fuels] is that it will work best with a total earth population of no more than 1.5 billion vs the increasing total of 7 yes SEVEN Billion! In addition, China and India have NO ACTUAL plans to decrease their energy consumption on a per capita basis. Each with OVER a 1 Billion pop.. Indian = 1.25 B and China 1.35 B together > 2.5 B. In fact, a representative from India in Leo's movie states that she and the Leaders of India seek to increase the availability of electricity in India for all their 1.25 B citizens, and why not?

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FIN- Most recently the [Blob story](#), shows just how little the Climate Change Nabobs know, Geo effect [earth quakes, lava releases, etc etc] is HUGE, and probably the main threat to current Human civilization. FAR more so than any other, including man made global warming. Yes direct harvesting activities, all related to population size are having a damaging and likely irreversible effect on many animal species on land and in Earth's aqua environments. BUT Fresh Water supplies [[neither Oil supplies or CO2 production]] will be the real kicker to both Human and Animal habitats in the REAL calculate-able. The REAL NASTY Hockey Stick is increasing HUMAN and related domestic Protein Populations coupled with increasing Fresh Water Consumption. Where will indigenous animal species in the world get their water when the billions of two legged animals decide it is theirs!? Desalinization Plants? Well they can be powered of course by the Solar and Wind Farms ☺

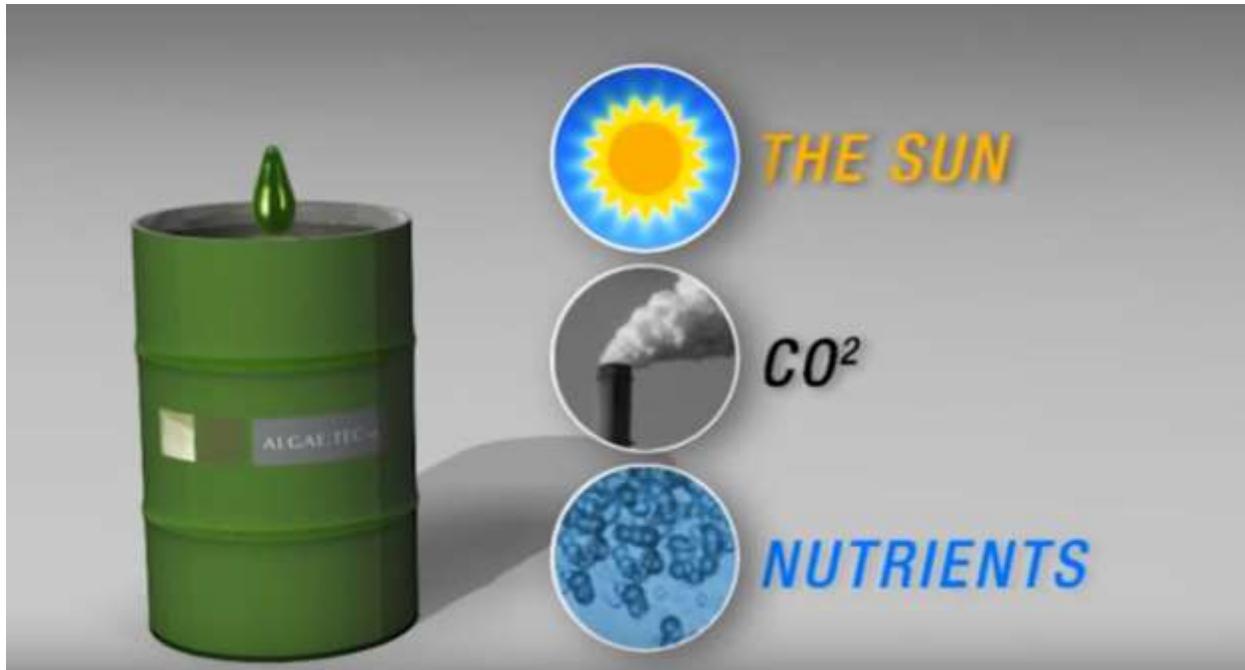
- 3- **Effect of Increased Efficiencies;** See [Jevons Paradox](#) – The really BIG Elephant in the room. From Wikipedia; 'In economics, the **Jevons paradox** (sometimes the **Jevons effect**) occurs when [technological progress](#) increases the [efficiency](#) with which a [resource](#) is used (reducing the amount necessary for any one use), but the rate of [consumption](#) of that resource rises because of increasing [demand](#). The Jevons paradox is perhaps the most widely known paradox in [environmental economics](#). However, governments and [environmentalists](#) generally assume that efficiency gains will lower [resource consumption](#), ignoring the possibility of the paradox arising.

In 1865, the English economist [William Stanley Jevons](#) observed that technological improvements that increased the efficiency of coal-use led to the increased consumption of coal in a wide range of industries. He argued that, contrary to common intuition, technological progress could not be relied upon to reduce fuel consumption. The issue has been re-examined by modern economists studying consumption [rebound effects](#) from improved [energy efficiency](#). In addition to reducing the amount needed for a given use, improved efficiency also lowers the relative cost of using a resource, which increases the quantity demanded. This counteracts (to some extent) the reduction in use from improved efficiency. Additionally, improved efficiency accelerates [economic growth](#), further increasing the demand for resources. The **Jevons paradox occurs when the effect from increased demand predominates, and better efficiency leads to more resources being used. See India and China for SURE!**

EPILOGUE- Believe everything or believe nothing and be a follower forever. I strongly believe that we do have climate temp-control issues. However, population surges [the real bad Hockey Stick], other solar effects, [geo/lava flow effects](#), Industrial Agriculture and even human & domestic animal CO2 emissions plus solid and liquid wastes add in statistical curve balls that may be incalculable on their proportional effects with Global Warming.

It is not just the smoke stacks and "Before the Flood" does touch on that fact. Yet the solution via CO2 capture and processing is probably more effective and quicker to implement rather than Giga Factories and Praying for the Right Politician. In addition, EVERYBODY needs to get on board with this, including corporations such as, but not limited to; Exxon Mobile, Monsanto [for the green CO2 absorbing GOO or GG], GE, B&W, etc.

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Incidentally Elon Musk has a very dim view of the [Hydrogen Fuel Cell](#). Meanwhile one of Science's High Priests states about H2 ... [Dr. Michio Kaku on Hydrogen Future](#). Also my rant on [Big Bang Cosmos Theory](#), gives a clear reflection of how pompous and narrow minded the Priesthood of Science can be and how accurate we can expect them to be about Global warming – causes – effects & solutions.

So who is right the [Priest](#) or the [Mechanic](#)?

Some Related Links used;

<http://www.cbsnews.com/news/an-inconvenient-solution/>

PEAK Oil; See "A Crude Awakening" <https://youtu.be/odCZpBPfQk>

http://epubs.surrey.ac.uk/761499/7/Coal_polygeneration_with_decarbonisation-MainTextRevision-ChERD_without%20highlight.pdf

OTHER Rants – Big Bang BS; http://www.smealltech.com/papers/CosmosBS_BigNOBang.pdf

It's a HOT world after all - <https://www.newscientist.com/article/2116536-molten-iron-river-discovered-speeding-beneath-russia-and-canada/>

<https://youtu.be/n3CfkdFF190>