



# Climate Fundamentalism Dogma vs Science

MAG UK

OCTOBER 2022

# Net Zero

- ▶ The 2008 UK Climate Change Act mandates 'Net Zero' man-made CO<sub>2</sub> emissions by 2050 to counter a 'climate emergency' (Conservative Party)
  - ▶ No Feasibility Study
  - ▶ No Environmental Impact Assessment
  - ▶ No Economic Impact Assessment
  - ▶ No Societal / Social Impact Assessment
  - ▶ No Cost-Benefit Analysis

# The Price of Net Zero: facing FACTS

- ▶ **96.5%** of CO<sub>2</sub> global emissions are from natural sources (just **3.5%** are man-made)
- ▶ The UK produces approximately **1%** of man-made CO<sub>2</sub> emissions
- ▶ Net Zero policies will cost the UK economy £5 trillion: £200k per UK household
- ▶ That £5 trillion will eliminate 1/8000<sup>th</sup> of annual rise in CO<sub>2</sub> (McKinsey consulting)
- ▶ If world did 'Net Zero' it would cut 0.1 degree by 2050 and 0.2 degree by 2100  
Source: <https://www.netzerowatch.com/cost-of-net-zero-will-be-astronomical-new-reports-warn/> 24-Feb-2020
- ▶ Four UK political party's now want to abolish Climate Change Act  
(Reform, UKIP, Heritage, Reclaim)

What percentage of  
atmosphere is CO<sub>2</sub>?

**0.04% = 420 PARTS PER MILLION  
THAT'S 1 ATOM PER 2,500 ATOMS**

# THE WORLD OF CO<sub>2</sub>

See: <https://rclutz.wordpress.com/2020/01/26/planetary-co2-in-the-long-run/>

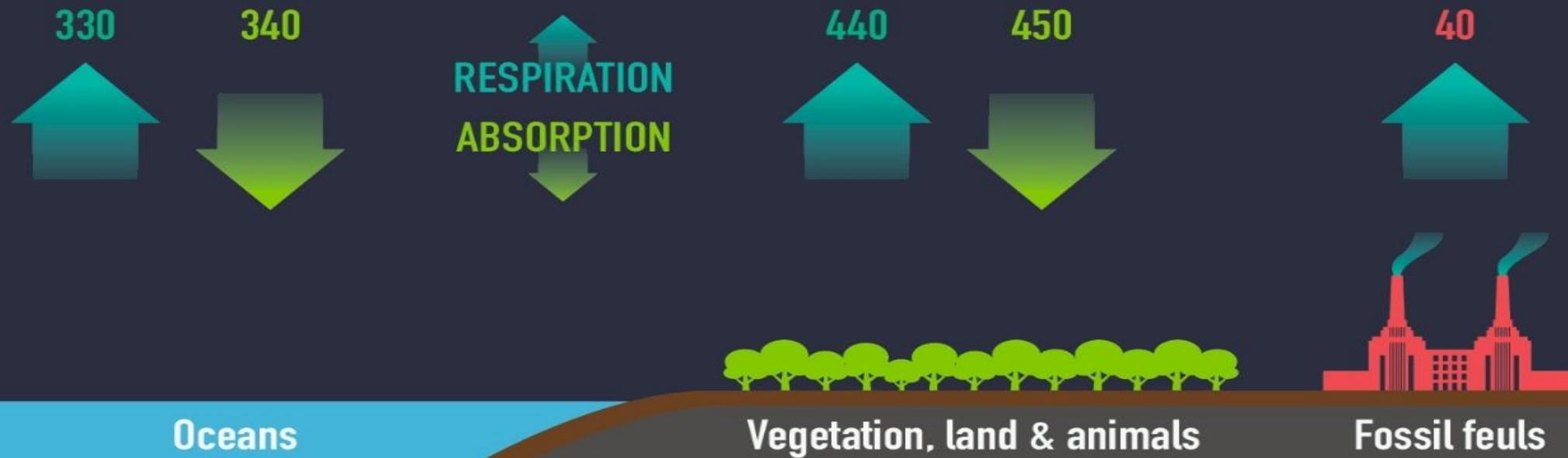
## THE GLOBAL CARBON CYCLE

**96.5%** NATURAL SOURCES OF CO<sub>2</sub>  
Oceans, vegetation & land

\*770 Billion metric tons

**MAN-MADE CO<sub>2</sub> 3.5%**  
Fossil fuel consumption

\*40 Billion metric tons

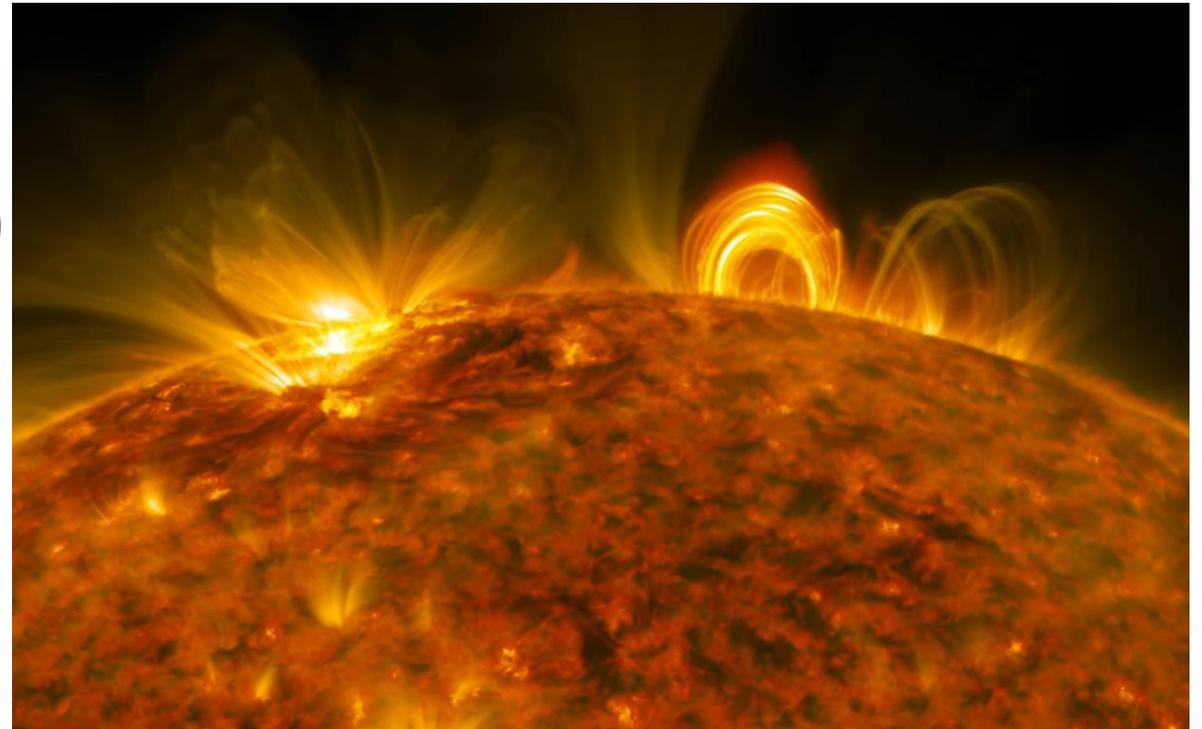


Reference: <https://svs.gsfc.nasa.gov/12044>

\*These are averages

# What REALLY Drives the Earth's Climate?

- ▶ Solar winds (charged proton particles from Sun)
- ▶ Cosmic Rays (radiation from space)
- ▶ Atmospheric Composition
- ▶ Terrestrial Magnetosphere
- ▶ Milankovitch Cycles (earth's orbital changes)
- ▶ Volcanic and Tectonic Activity
- ▶ Recurring Perturbations
  - ▶ El Nino / La Nina in sea
  - ▶ Jet Stream / Gulf Stream in air
  - ▶ Beaufort Gyre Currents in ocean



# What Control's Earth's Climate

- ▶ World's oceans contain around 1,000 times the heat stored in the atmosphere
- ▶ Oceans absorb heat from sun and cool by evaporation (moisture rises and forms clouds)
- ▶ As altitude increases, temperature falls, (Lapse Rate) cooling warm air and stabilizing atmospheric temperature
- ▶ Earth is surrounded by vacuum of space
- ▶ So it loses energy via electro-magnetic radiation
- ▶ Air outside a plane at 11,000m is at  $-55^{\circ}\text{C}$
- ▶ ISS at 400km experiences  $-157^{\circ}\text{C}$  in earth's shadow



# What is CO<sub>2</sub> Saturation?

- ▶ Each extra atom of CO<sub>2</sub> added to atmosphere has less warming impact. When atmosphere reaches 'saturation,' more CO<sub>2</sub> will NOT cause further warming
- ▶ At low CO<sub>2</sub> levels, more CO<sub>2</sub> has bigger impact on atmosphere's energy balance but moving from 1000-2000ppm, has only same effect as moving from 10-20ppm
- ▶ As CO<sub>2</sub> increases, rate energy is lost to space decreases logarithmically, making any warming effect self-limiting  
(Willis Eschenbach, William Happer)
- ▶ This is undisputed science!

1. <https://electroverse.net/physicist-william-happer-there-is-no-climate-emergency/>
2. <https://co2coalition.org/media/clintel-lecture-william-happer-in-amsterdam/> & supporting paper:
3. <https://wvanwijngaarden.info.yorku.ca/files/2020/12/WThermal-Radiationf.pdf?x45936>
4. <https://www.youtube.com/watch?v=-m73QYdhoCw>
5. <https://electroverse.net/physicist-william-happer-there-is-no-climate-emergency/>
6. <https://co2coalition.org/media/keynote-science-presentation-by-dr-william-happer-iccc-14/>
7. <https://agupubs.onlinelibrary.wiley.com/doi/pdf/10.1002/2014JD022466Source:>
8. <https://holoceneclimate.com/co2-band-saturation-explained.html> 14-10-2019

# THE WORLD OF CO<sub>2</sub>

See: <https://relutz.wordpress.com/2020/01/26/planetary-co2-in-the-long-run/>

## The logarithmic temperature rise of higher CO<sub>2</sub> levels.

### GLOBAL TEMPERATURE INCREASE

Doubling of CO<sub>2</sub>

3200 ppm CO<sub>2</sub>

1600 ppm CO<sub>2</sub>

800 ppm CO<sub>2</sub>

415 ppm CO<sub>2</sub>



Degrees rise

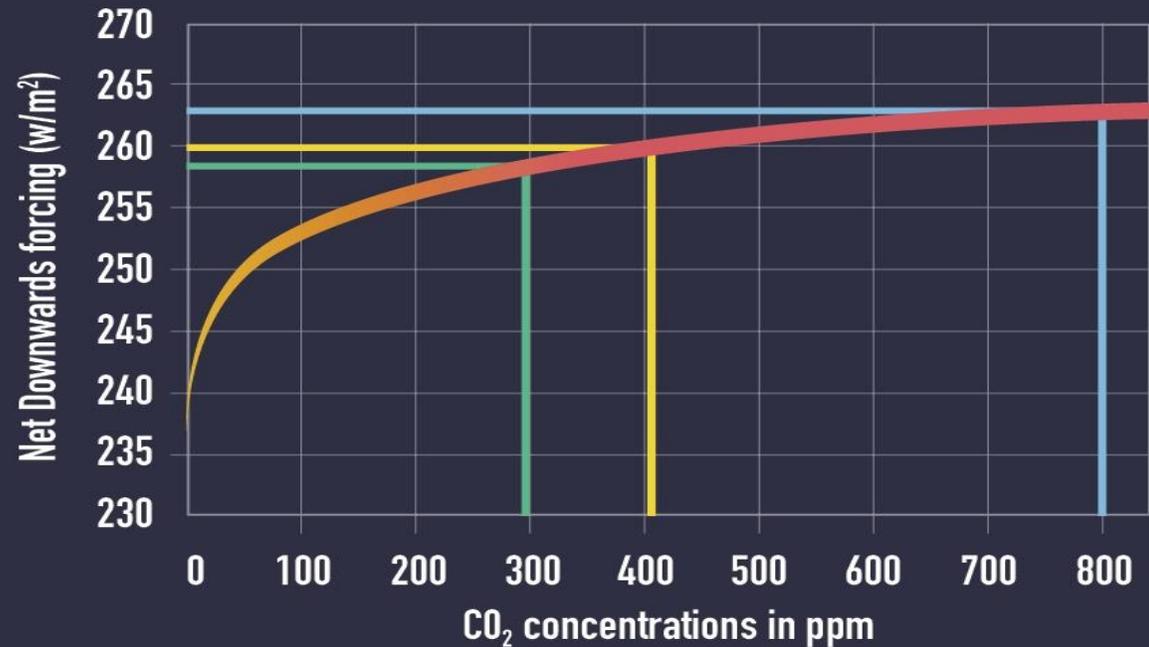
+1°

+1°

+1°

Present

$$\text{Forcing} = 2.94 \text{ Log}_2 (\text{CO}_2) + 233.6 \quad (R^2 = .997)$$



■ CO<sub>2</sub> Forcing   ■ Pre-Industrial   ■ Present   ■ Twice Present

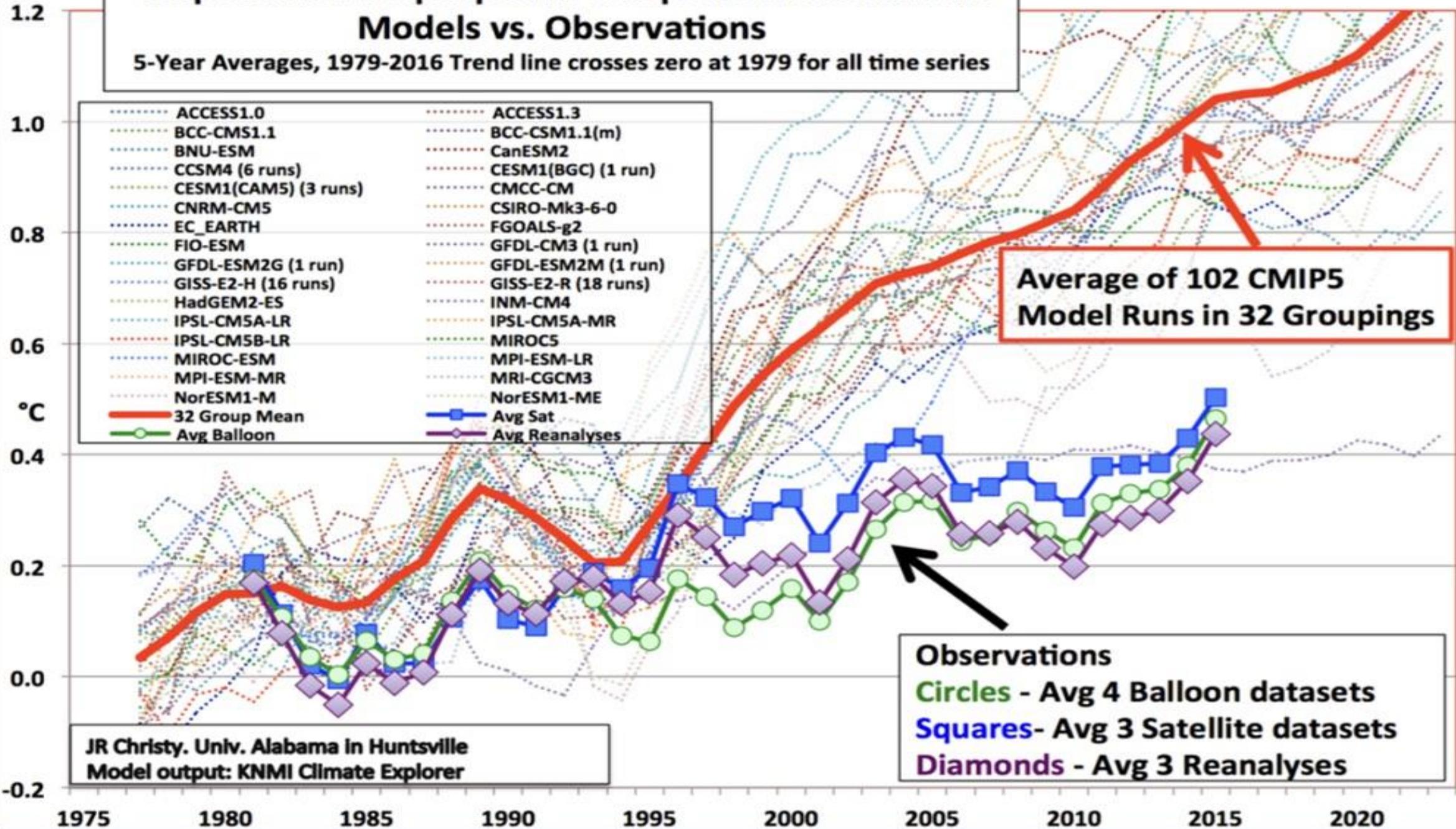
Graphic by Willis Eschenbach (2006)

The logarithmic heating effect of carbon dioxide relative to atmospheric concentration.

Reference: <https://wattsupwiththat.com>

# Tropical Mid-Tropospheric Temperature Variations Models vs. Observations

5-Year Averages, 1979-2016 Trend line crosses zero at 1979 for all time series



# Solar Cycles and CO<sub>2</sub>

- ▶ 83% of variations in global temperatures since the late 1500's can be attributed to variations in the solar cycle, without recourse to any man-made 'global warming' effects

Source: Friis-Christensen, E. & Lassen, K., *Journal of Atmospheric & Terrestrial Physics*, Vol.57, No.8., 1995, pp.835-845

- ▶ Without greenhouse gases, average surface temperature would be -18°C (vs present +15°C)
- ▶ CO<sub>2</sub> is not a poison - it is an airborne fertilizer that can reverse deserts and 'green' the Earth  
[https://energyeducation.ca/encyclopedia/Earth\\_Temperature\\_without\\_GHG\\_s\\_www.oxfordreference.com/view/10.1093/oi/authority.20110803095509515](https://energyeducation.ca/encyclopedia/Earth_Temperature_without_GHG_s_www.oxfordreference.com/view/10.1093/oi/authority.20110803095509515)  
<https://climate.nasa.gov/ask-nasa-climate/3143/steamy-relationships-how-atmospheric-water-vapor-supercharges-earths-greenhouse-effect/>
- ▶ Plants would begin to die if the atmosphere's CO<sub>2</sub> concentration fell to 150ppm
- ▶ Plants thrive in a rich CO<sub>2</sub> atmosphere - commercial plant growers pump CO<sub>2</sub> into greenhouses to increase the concentration from 420 ppm to around 1200 ppm
- ▶ In nuclear submarines, CO<sub>2</sub> concentrations are typically 2000-5000 ppm with no ill-effects on humans

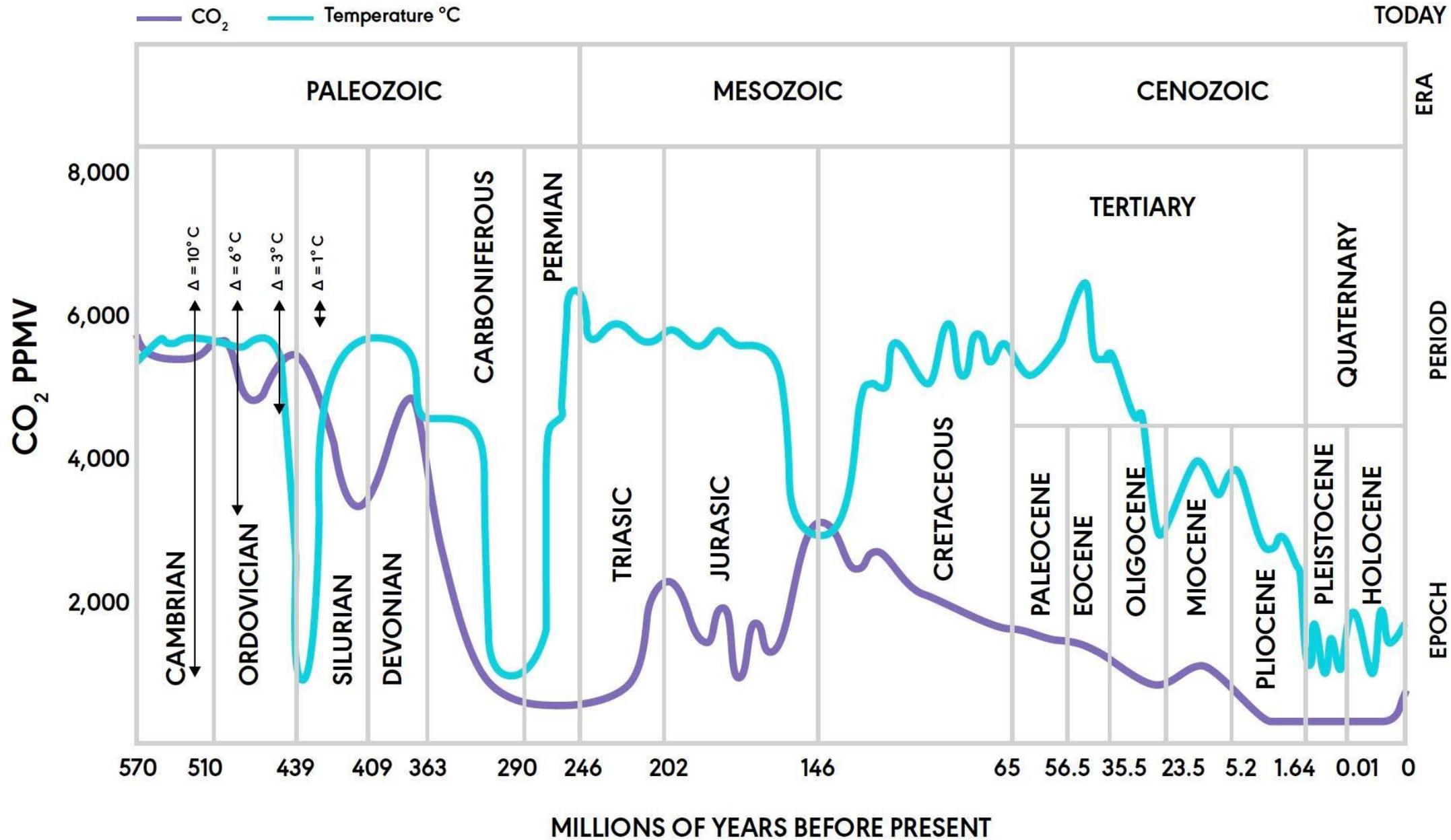
What is the most abundant greenhouse gas?

**95% OF 'GREENHOUSE' GAS IS WATER VAPOUR (CLOUDS)**

# Section Summary

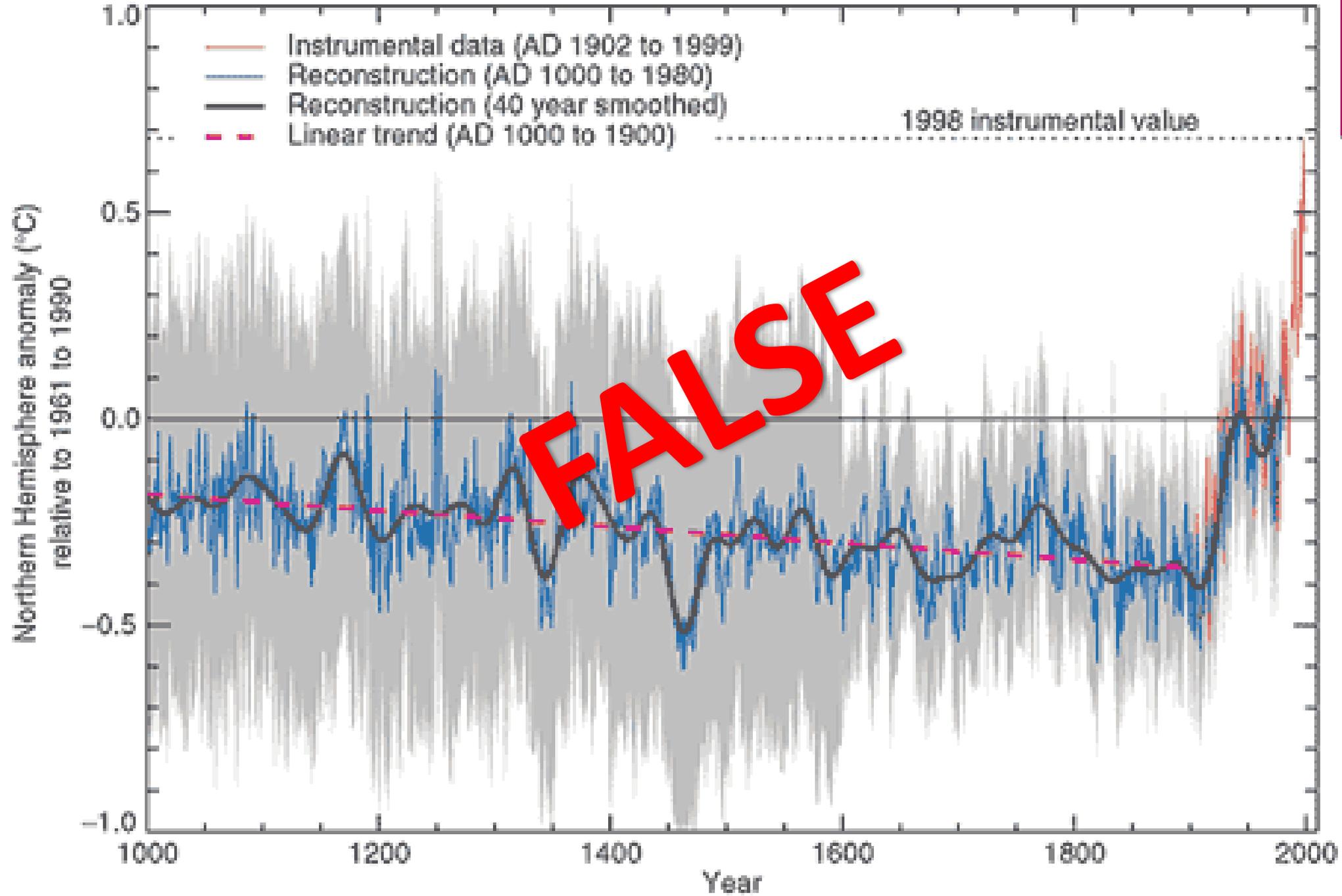
- ▶ Annual net human CO<sub>2</sub> contribution is just 0.0003% of the atmosphere
- ▶ There is no evidence CO<sub>2</sub> is primary driver of global warming
- ▶ There is solid evidence temperatures vary naturally through solar radiation, orbital and galactic influences
- ▶ Warmer ocean surface layers naturally expel more CO<sub>2</sub> - and always have
- ▶ Ice cores, dating back many thousands of years, suggest CO<sub>2</sub> levels move up and down AFTER the temperature has moved. So CO<sub>2</sub> levels may change as the RESULT OF - NOT THE CAUSE OF warming
- ▶ The following graph clearly shows that climate change has little correlation to CO<sub>2</sub> levels, and at most CO<sub>2</sub> lags behind temperature change

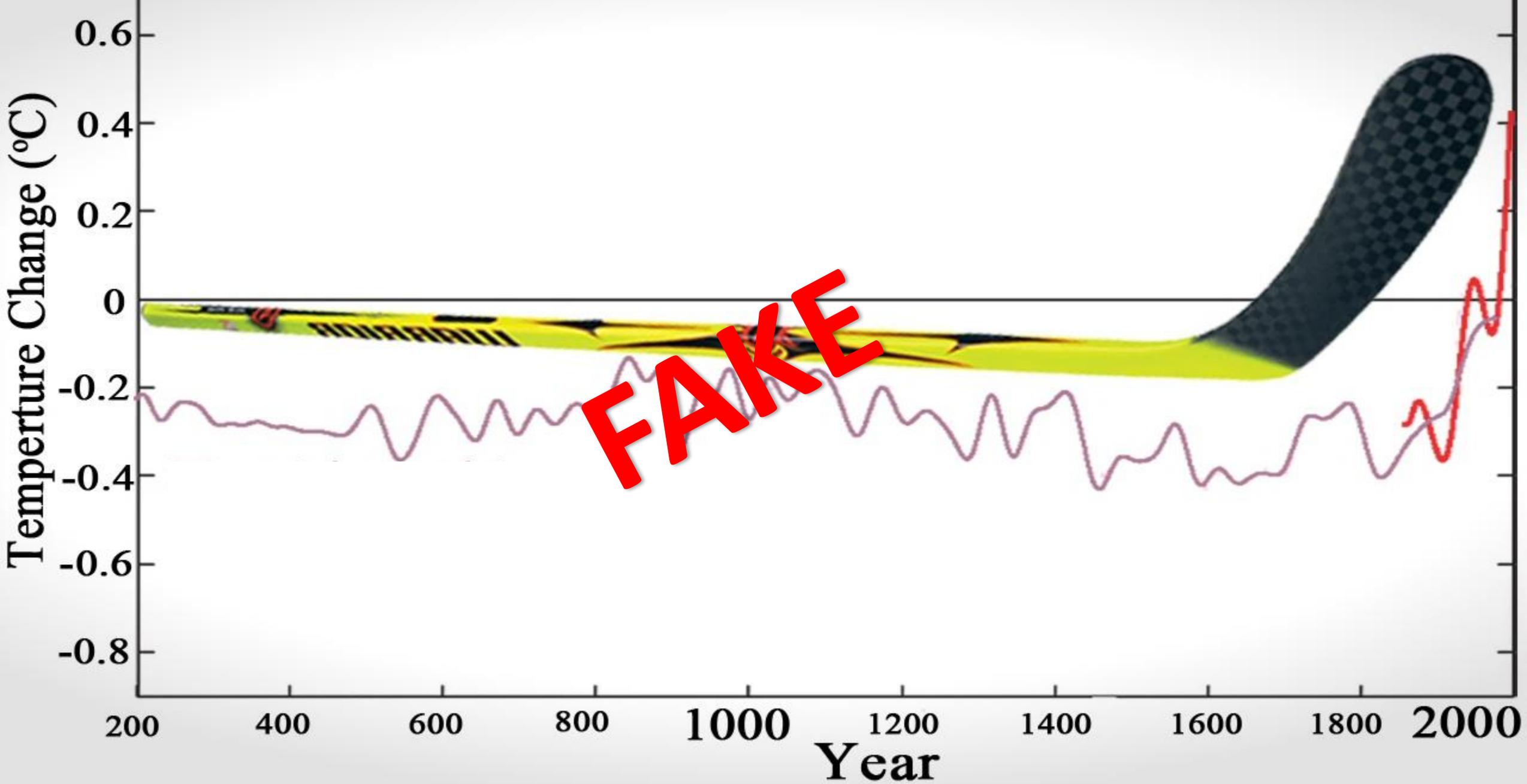
# Geological Timescale: Concentration of CO<sub>2</sub> and Temperature Fluctuations



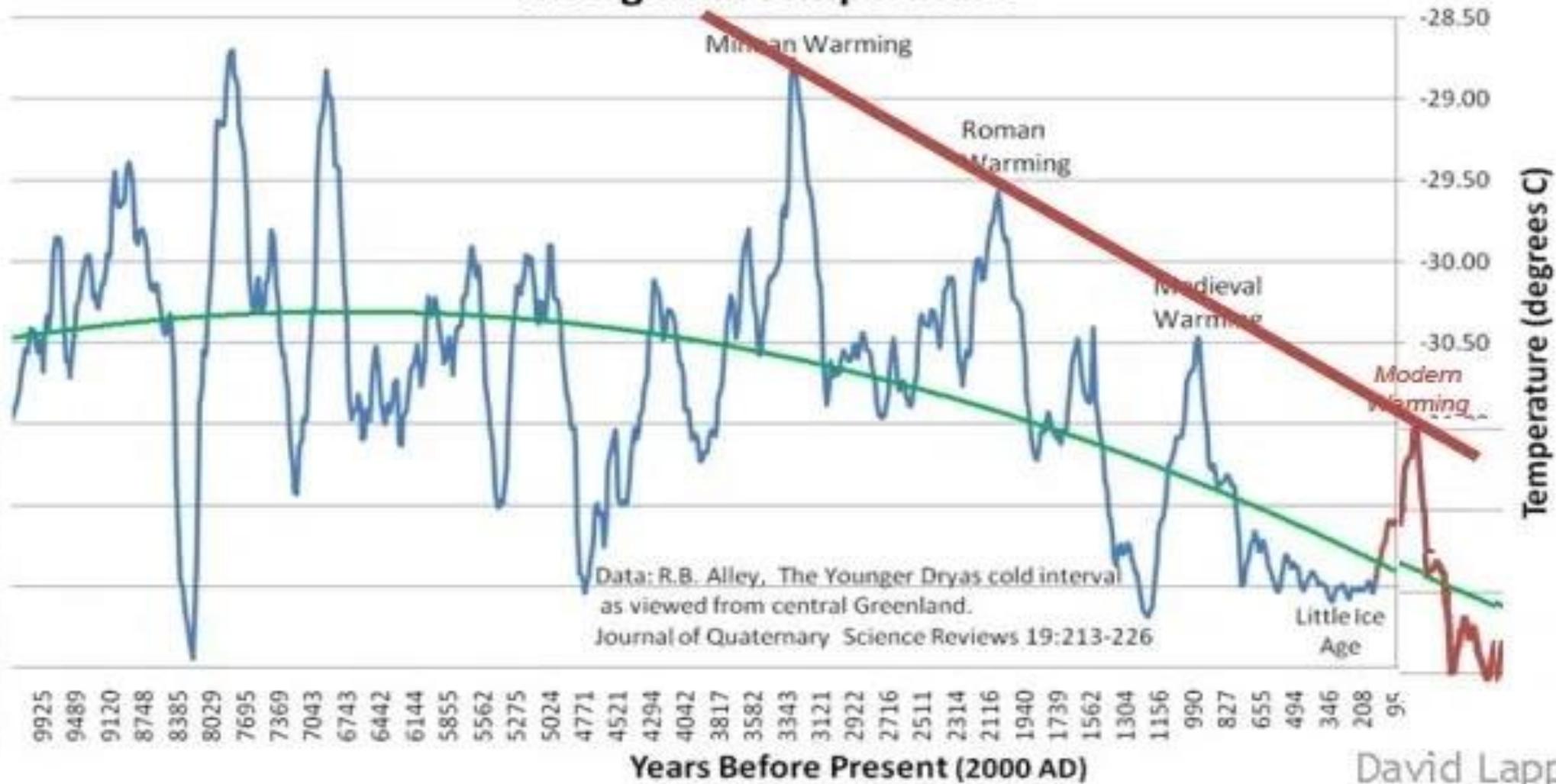
# The Hockey Stick graph

- ▶ The Michael Mann 'Hockey Stick' graph is a mathematical construct created from an analysis of around 100 different sources of "proxy evidence" including tree rings, pine cones, sea corals, lake sediment, cave deposits, ice cores, boreholes, glacier measurement plus pictorial and documentary evidence
- ▶ The model air-brushed out significant historical changes in climate e.g. the **Minoan Warm Period** (circa 1,500BC), the **Roman Warm Period** (250BC-400AD) the **Medieval Warm Period** (1000-1200AD), the cooling periods of the **Little Ice Age** (1250-1850AD with occasional freezing of River Thames) and the falling temperatures between 1940-1970 that sparked a Global Cooling Scare!
- ▶ The Hockey Stick model used flawed principle component analysis and the model is now considered statistically unreliable, and is consequently no longer used by the UN's Intergovernmental Panel on Climate Change (IPCC)



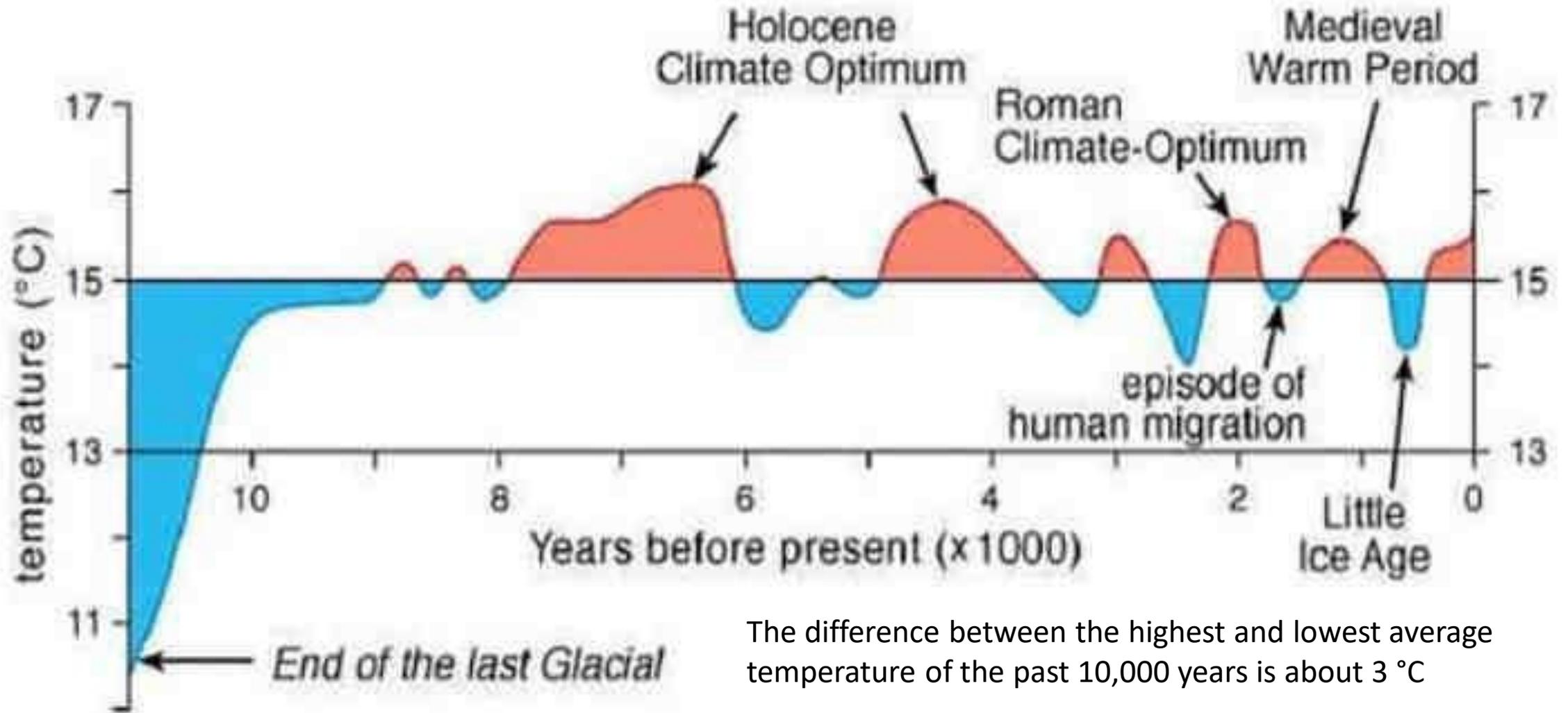


# Greenland GISP2 Ice Core - Last 10,000 Years Interglacial Temperature



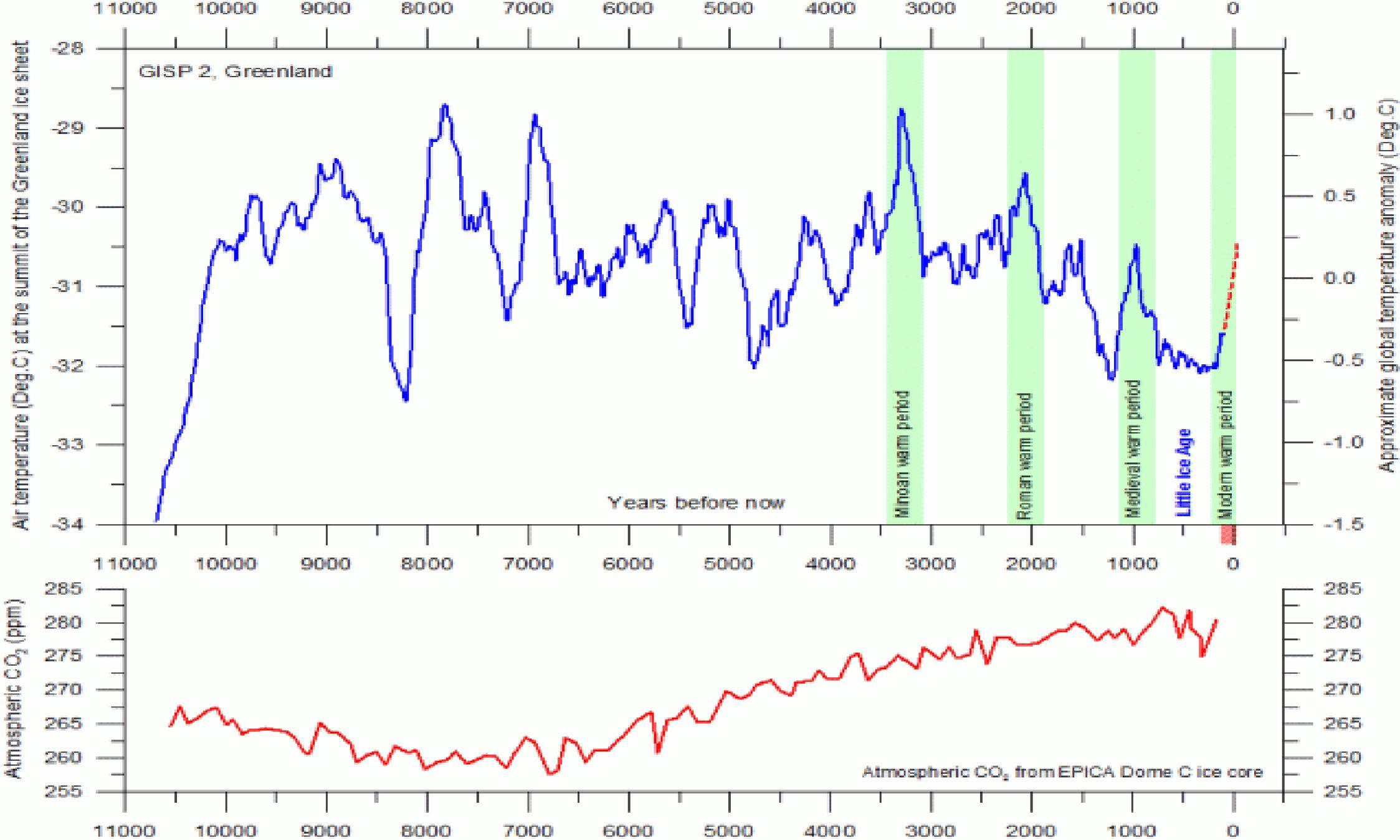
David Lappi

joannenova.com.au



The difference between the highest and lowest average temperature of the past 10,000 years is about 3 °C

Graph as shown in Nurtaev and Nurtaev, 2017



Greenland Ice Sheet Project Two

# Hockey Stick disbelief

- ▶ Predictions of climate disaster had more credibility 25 years ago because there was less clear evidence either way
- ▶ But observation and measurement now shows the 'climate disaster' related fundamental assumptions are wrong
- ▶ Balloon and satellite data confirms no noticeable warming since 1998
- ▶ IPCC scientists no longer support the claims of imminent disaster
- ▶ 'Climate Action' has become exploited by Western elites. It is about money, control of populations and limiting freedoms: it is not science
- ▶ The 'climate emergency' cult has become a false narrative to deliver global dominance for third world economies under the UN's Agenda 21\*

# United Nations - Agenda 21

- ▶ **Adopted by 178 countries in 1992 at the 'Earth Summit' in Rio de Janeiro –** U.N. Agenda 21/Sustainable Development - is an action plan being implemented worldwide to register and control all land, all water, all minerals, all plants, all animals, all construction, all means of production, all energy, all education, all information and all human beings on earth
- ▶ U.N. Agenda 21 cites the affluence of first-world populations as a major problem that needs to be 'corrected'. It calls for a reduced standard of living in the West so people in poorer countries can 'level-up' with the West i.e. a global redistribution of wealth

# UN officers confirm political agenda



***“We (UN-IPCC) redistribute de facto the world’s wealth by climate policy...”***  
***“One has to free oneself from the illusion that international climate policy is environmental policy. This has almost nothing to do with environmental policy anymore...”***

-Dr. Ottmar Endenhofer, IPCC co-chair of Working Group 3, November 13, 2010 interview [H/t Dr. Charles Battig]



***“we are setting ourselves..... within a defined period of time, to change the economic development model that has been reigning for at least 150 years”***

**Christina Figueres** - Secretary of the UN Framework Convention on Climate Change



*What if a small group of world leaders were to conclude that the principle risk to the Earth comes from the actions of the rich countries?... In order to save the planet, the group decides the only hope for the planet is that the industrialised civilizations collapse? Isn't it our responsibility to bring this about?*

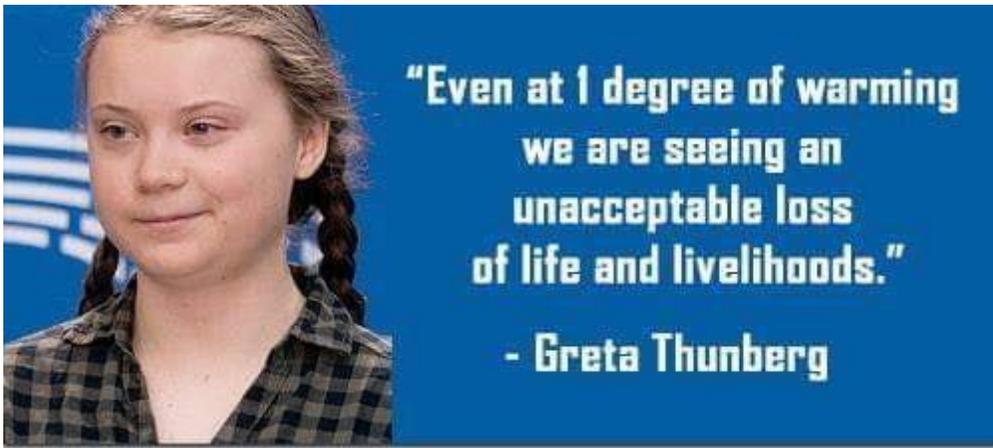
Maurice Strong - Founding Executive Director of the United Nations Environment Program



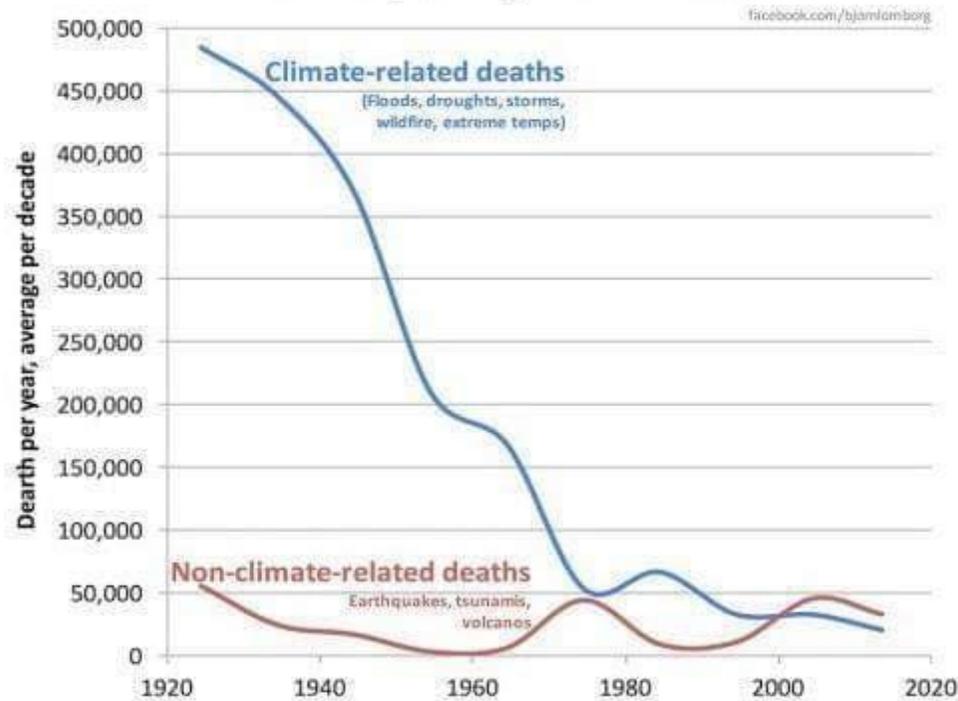
**“Private vehicle ownership and use is incompatible with significant decarbonisation.**

*The big actions are: travel less distance, travel by train or in small (or full) electric cars and stop flying; use the heating less and electrify the boiler....; stop eating beef and lamb.”*

UK Parliamentary Science & Technology Select Committee  
[https://www.repository.cam.ac.uk/bitstream/handle/1810/299414/REP\\_Absolute\\_Zero\\_V3\\_20200505.pdf?sequence=9&isAllowed=y](https://www.repository.cam.ac.uk/bitstream/handle/1810/299414/REP_Absolute_Zero_V3_20200505.pdf?sequence=9&isAllowed=y)



### Deaths from Climate and non-Climate Catastrophes, 1920-2017



DFDA/CRED International Disaster Database, www.emdat.be, averaged over decades 1920-29, 1930-39, ..., 2010-2017



Peter James Spielmann AP correspondent at the United Nations.

# Claim 97% scientists 'agree' is false

- ▶ Cook et al, surveyed 11,904 scientific papers on global warming. They did not read the papers or talk to the authors but just read the Abstracts (short summaries)
- ▶ The Abstracts were divided into 7 sections:

1/ Man is causing all of the warming	64
2/ Man is causing over 50% of the warming	922
3/ Man is causing less than 50% of the warming	2910
4/ No opinion or uncertain	7930
5/ Man is causing some but far less than 50% of the warming	54
6/ Man is not causing warming with qualifications	15
7/ Man is not causing any warming	9



**Al Gore - An Inconvenient Truth?**

# '97%' claim is misleading

- ▶ The **97%** appears to have been derived by only counting **polarized** opinions - Cook et al, ignored the un-opinionated majority
- ▶ Categories **1&2** represent publications that consider humans all or mostly responsible for warming
- ▶ Categories **6&7** believe man is causing none or almost no warming
- ▶ ....but the most important result of this study is that almost 8,000 peer reviewed papers had no opinion or were uncertain

- ▶ All or most
- ▶ No opinion
- ▶ Minor to none

#986 **8.3%**

#7,930 **66.6%**

#2,988 **25.1%**

# CO<sub>2</sub> and the current climate

- ▶ We are CURRENTLY living in an ice age (the Holocene epoch)
- ▶ Western environmental government policies have caused rising living costs, energy security issues, less personal freedoms and ironically, ecological harm
- ▶ 'Climate crisis' is a political term, not a scientific term
- ▶ Even if man-made CO<sub>2</sub> was responsible for (half or more of the) warming, the effects aren't negative - slightly warmer is better and it can be shown CO<sub>2</sub> has 'greened' the planet and increased crop production

# Electric Vehicle Facts

- ▶ Battery Electric Vehicles are no more environmentally friendly than ICE vehicles
  - ▶ BEV's cost substantially more
  - ▶ BEV's weigh substantially more
  - ▶ BEV's have a restricted range
  - ▶ Lithium batteries are prone to catching fire (Tesla, Chevrolet, Audi)
  - ▶ BEV's require a completely new dedicated charge infrastructure
  
- ▶ Few BEV owners will ever cover enough miles on what they believe to be clean energy to ever make up the environmental differential between BEV's and ICE



# False moral comfort

- ▶ Lithium-powered BEV's have been declared as an 'environmentally friendly' successor to ICE vehicles – NOT TRUE
- ▶ Environmentalists argue that since BEVs are not powered by petrol or diesel, driving electric results in lower CO<sub>2</sub> emissions – NOT TRUE
- ▶ BEV's do not deliver the promised benefits so why should drivers or riders accept battery vehicles as the only choice?
- ▶ Petrochemicals derived from oil and natural gas make possible the manufacturing of over 6,000 everyday products and high-tech devices – practically everything relies on fossil fuels including 'renewables and EV's!

# Alternative Fuels

- ▶ There is currently no credible petrol alternative that is affordable and 'green'
- ▶ It is unlikely that a CO<sub>2</sub> reducing fuel will be ready to replace petrol by 2030
- ▶ Bio-fuels are being developed (Porsche, Exxon-Mobil) but the likely price of the fuel will ensure it remains only available to the wealthy - we must also consider the moral implication of moving land from food to fuel production
- ▶ Hydrogen fuel would prove difficult for motorcycle use as the fuel must be stored at pressures between 350–700 bar (5,000–10,000 psi) or in liquid form, refrigerated to minus 253°C

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