

Why an Emissions Trading Scheme (ETS) is not necessary



**A brief summary compiled by
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What this debate is **NOT** about

- **It is not about Renewable energy** – We agree we should work towards cost effective renewable energy.
- **It is not about Pollution** – We agree we should work towards toxic and life threatening pollutants being minimised.
- **It is not about saving the Planet** – We agree we should give the planet much consideration.

The Climate Sceptics position in Brief

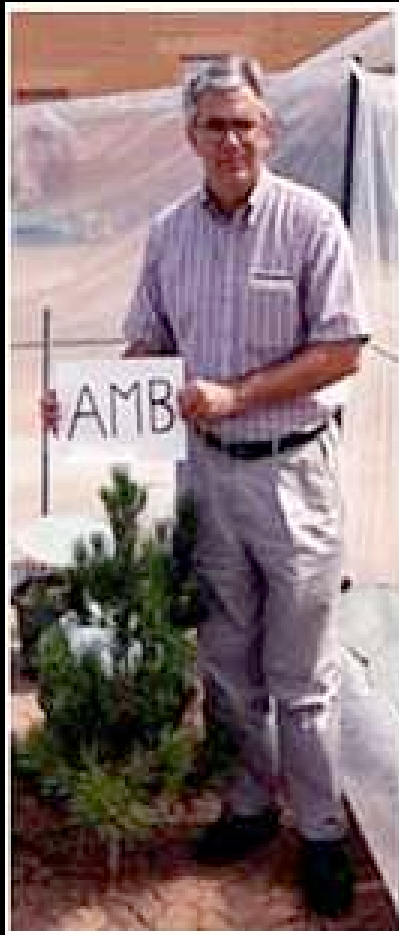
- We agree climate change occurs
- We agree CO₂ is a greenhouse gas
- We want you to know that no one has any evidence that CO₂ will over heat the Earth &
- An Emissions Trading Scheme (ETS) will never ever prevent climate change.

Is CO₂ a pollutant? - NO!

- It is odourless, colourless and non toxic
- We all drink it in soft drinks and beer
- It is necessary for life (photosynthesis converts CO₂ into O₂ and carbon)

Is CO2 Plant Food?

Here is what happens with more CO2



385 ppm



535 ppm

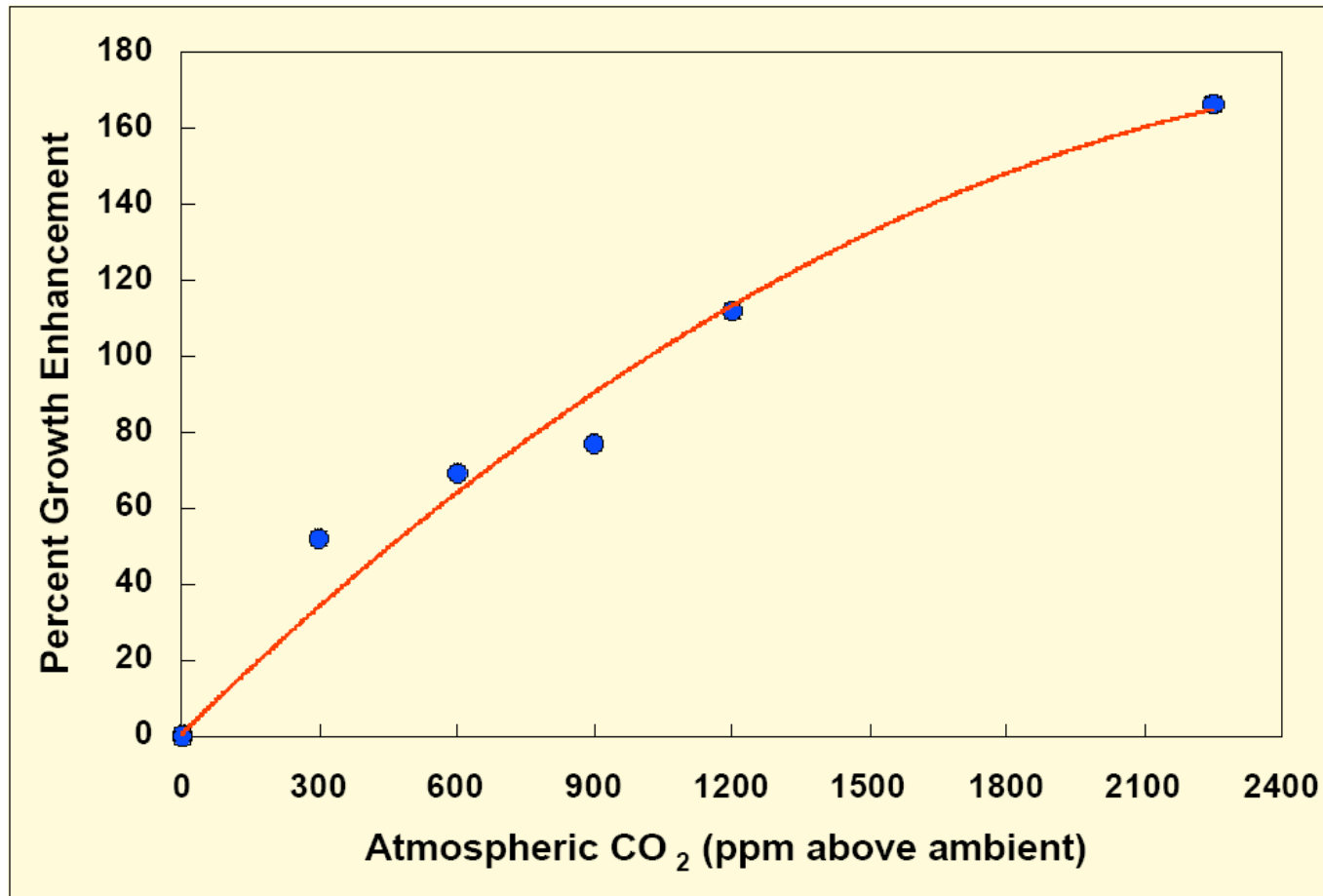


685 ppm



835 ppm

Extra CO₂ makes the earth greener with extra plant growth



Mean plant growth response to atmospheric CO₂ enrichment. Adapted from

If CO₂ levels double in the next 100 years, this will be the Average Growth Enhancement we can expect

C₃ Cereals	49%
C₄ Cereals	20%
Fruits and Melons	24%
Legumes	44%
Roots and Tubers	48%
Vegetables	37%

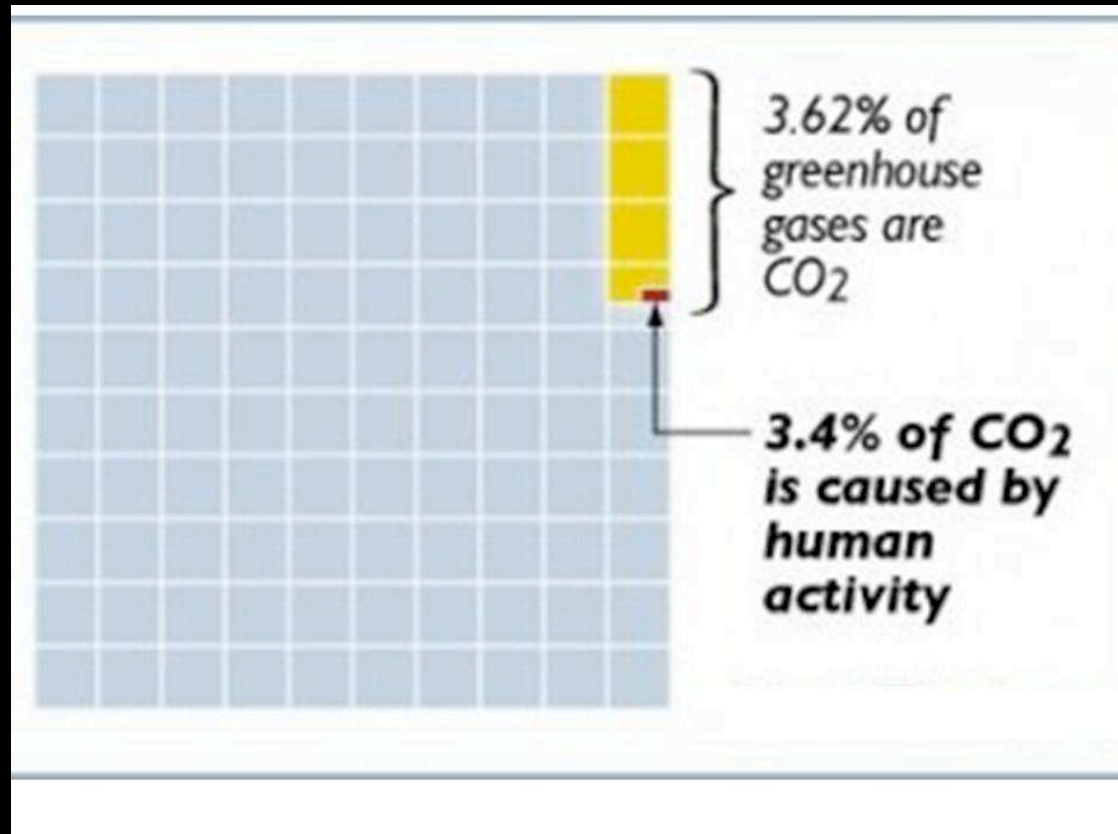
Source: Idso May 2007

Now to understand the Atmosphere and the Emissions Trading Scheme (ETS) a little.

Greenhouse gases are 1% of the Atmosphere.

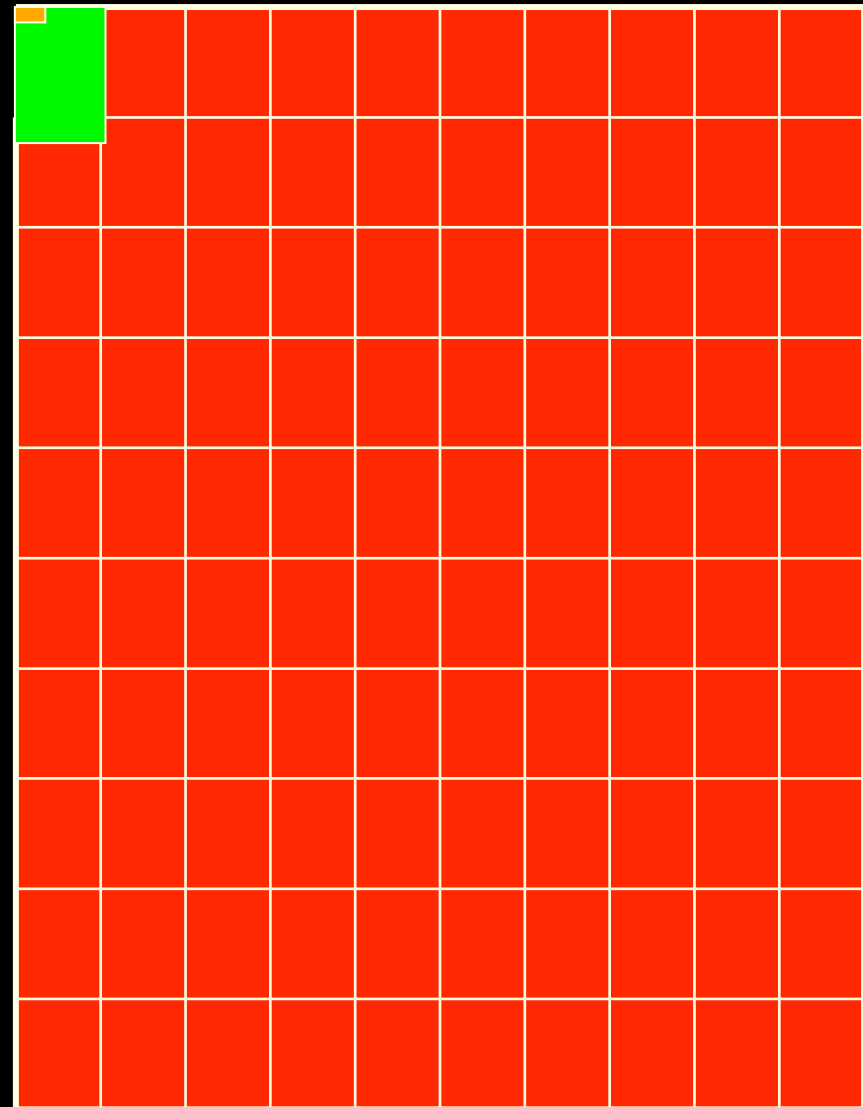
And they are

- **Water Vapour 95%**
- **Carbon Dioxide 3.6 %**
- **Methane & others 1.5%**
- **Only 3.4% of the CO₂ is human caused**



Now zooming in on that small red section of Human caused CO2 emissions

- 1.5 % is caused by Australians (green area)
- ETS will reduce Australia`s CO2 by 5% (orange area)
- So in total an ETS in Australia will reduce greenhouse gases by a millionth - the equivalent of reducing a piece of string a kilometre long by one millimetre.

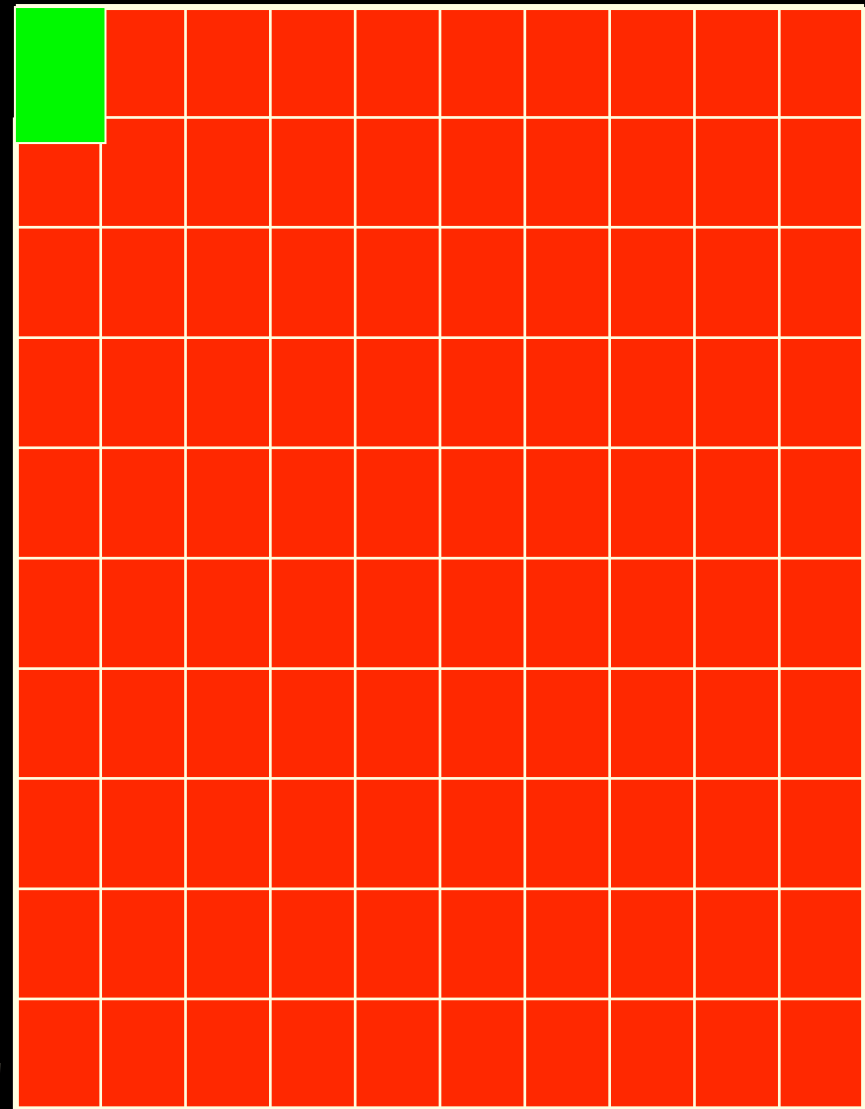
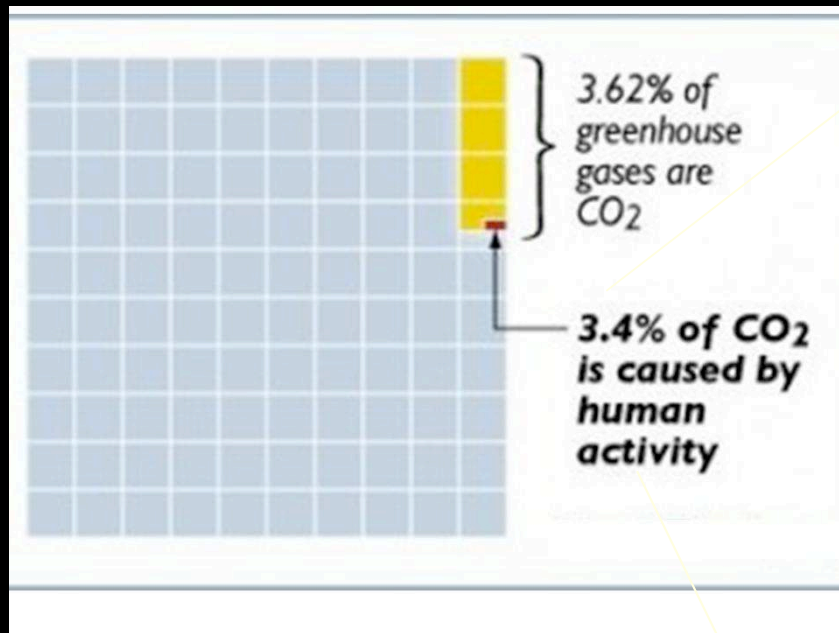


And how much will it cost you and me to reduce
Greenhouse gases by one millionth?

Frontier Modelling says it will cost Australia

- **\$50 Billion per year for 40 years**
- That's **\$4,550** per taxpayer per year.
- An amount of CO2 reduction that **everyone** agrees will do nothing for the planet

So what will it cost us to reduce all of Australia`s emissions – The green amount



- No one can say exactly, but at the very least 20 times a 5% reduction or \$91,000 per taxpayer per year

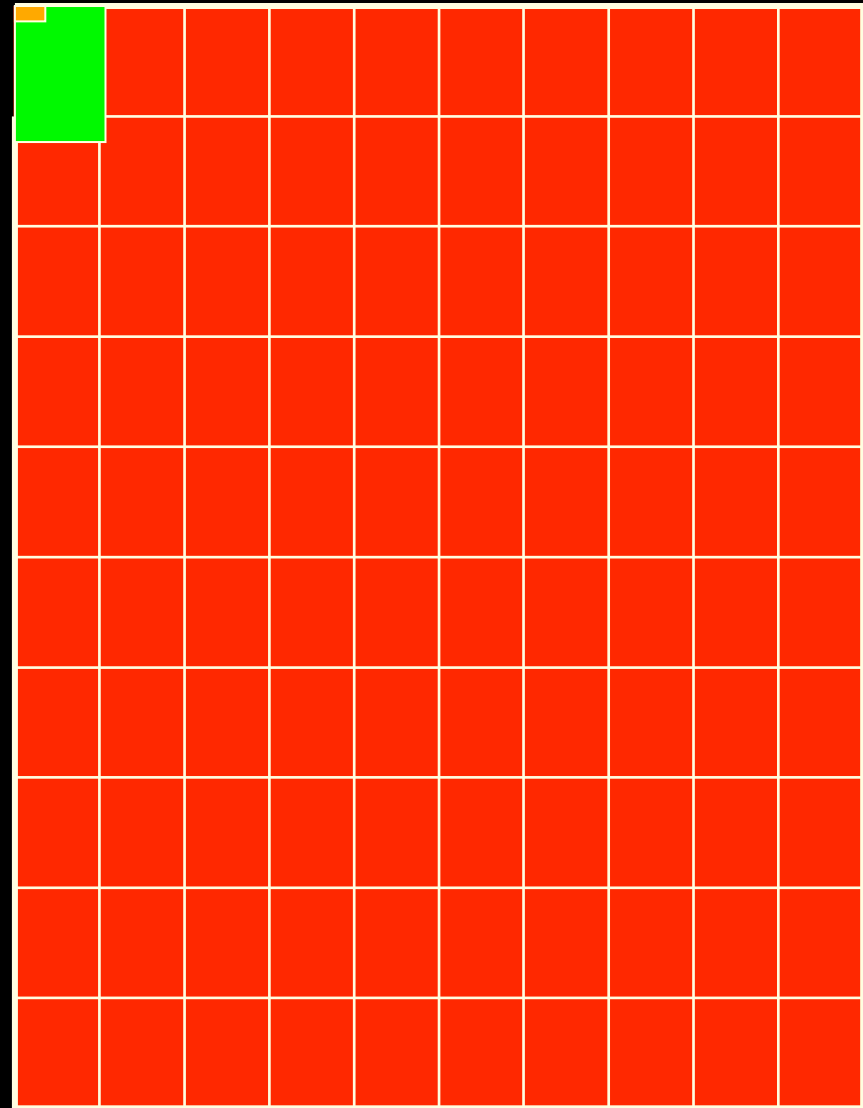
And to put that amount
of CO2 in context

Every few months
China alone
increases its CO2
emissions by as much
as Australia`s total
amount

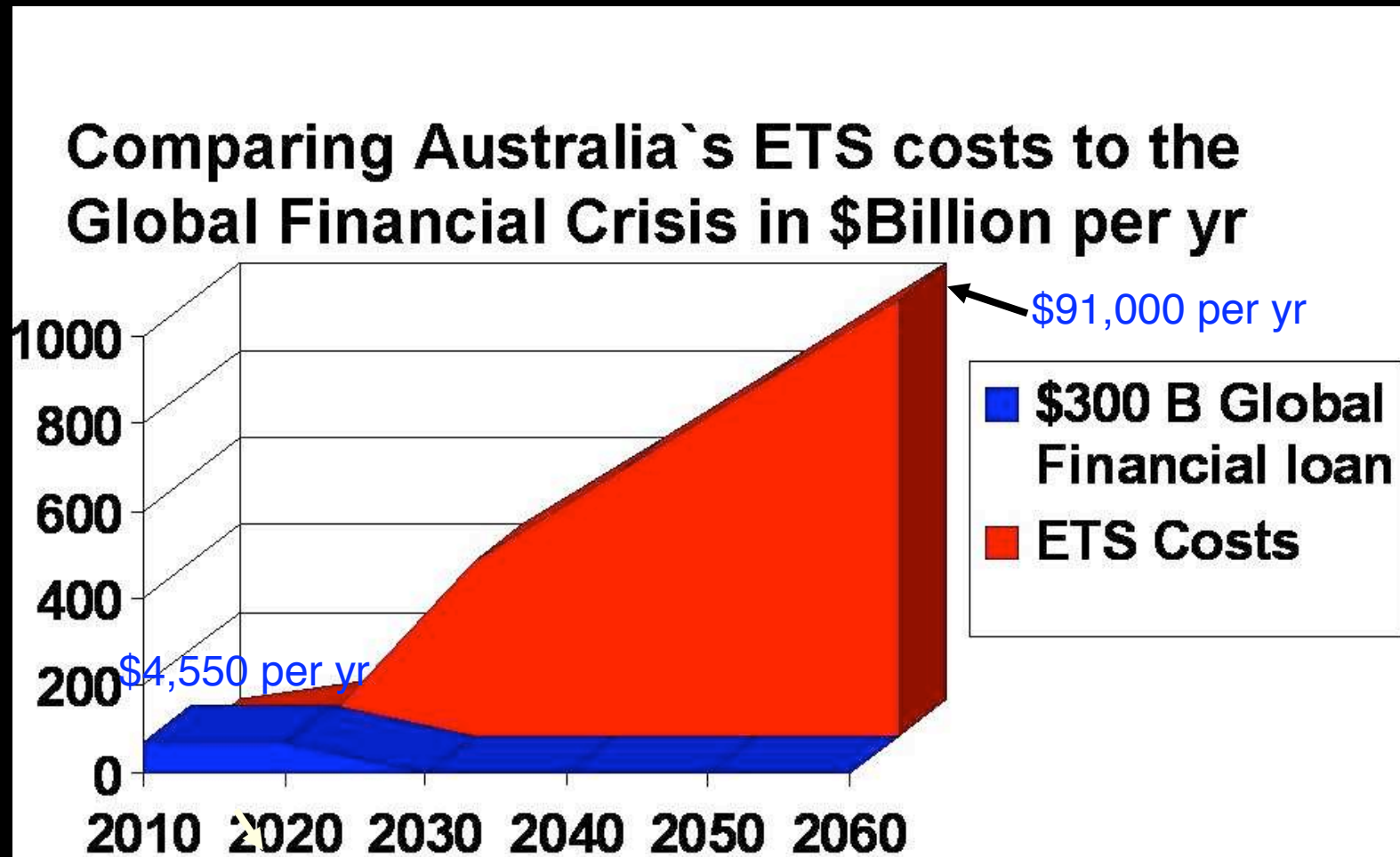
So we must add at least one more of
these each few months



Are you getting the picture
of the futility of an ETS?



So for Australia to reduce all its CO2 Emissions by 2060 the costs will look something like this.



Spain has been moving towards a renewable energy economy and now has 19% unemployment, whilst the real cost of power has risen 100%!

Will Australia face the same costs under an ETS?

So lets check Al Gore`s facts that he says supports this wonderful idea



(And just in case you haven`t heard, Al Gore will profit from all this because he has large share holdings in companies that trade in carbon)

**Al Gore says the Science is settled and 2,500
IPCC scientists agree CO2 causes climate
change.**

Is this true?

Not exactly – Of the 2,500 Scientists who
have submitted papers to the IPCC, only
600 looked at the science involving CO2.

Of that 600, only **308** were a part of the
second review process.

Of that 308, only 62 reviewed the last chapter which looked at what to attribute the cause of Climate change to.

Of that 62 only 7 reviewers were independent; and

Of the 7, 2 did not agree with the final statement saying they believed there was a 90% certainty CO2 caused climate change.

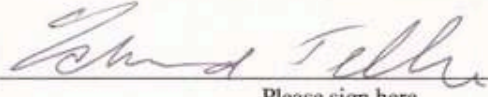
So the major statement of the review saying what climate change can be attributed to was supported by just 5 independent scientists - a few less than 2,500

On the other hand there are over 31,000 independent US scientists who have signed a petition saying there is no conclusive evidence CO2 causes climate change. See www.petitionproject.org

Petition

We urge the United States government to reject the global warming agreement that was written in Kyoto, Japan in December, 1997, and any other similar proposals. The proposed limits on greenhouse gases would harm the environment, hinder the advance of science and technology, and damage the health and welfare of mankind.

There is no convincing scientific evidence that human release of carbon dioxide, methane, or other greenhouse gases is causing or will, in the foreseeable future, cause catastrophic heating of the Earth's atmosphere and disruption of the Earth's climate. Moreover, there is substantial scientific evidence that increases in atmospheric carbon dioxide produce many beneficial effects upon the natural plant and animal environments of the Earth.

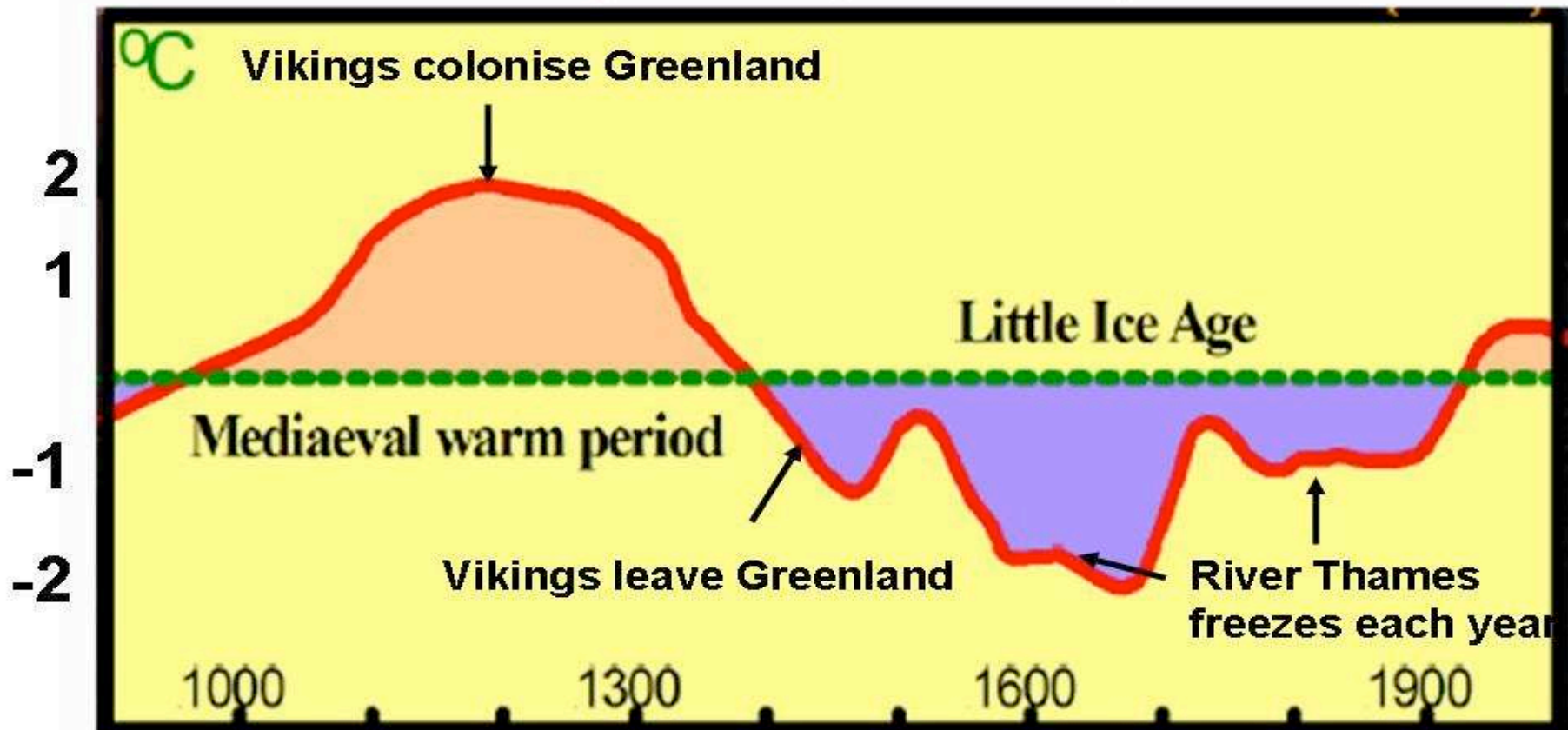
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Please sign here

Please send more petition cards for me to distribute.

My academic degree is B.S. M.S. Ph.D. in the field of PHYSICS

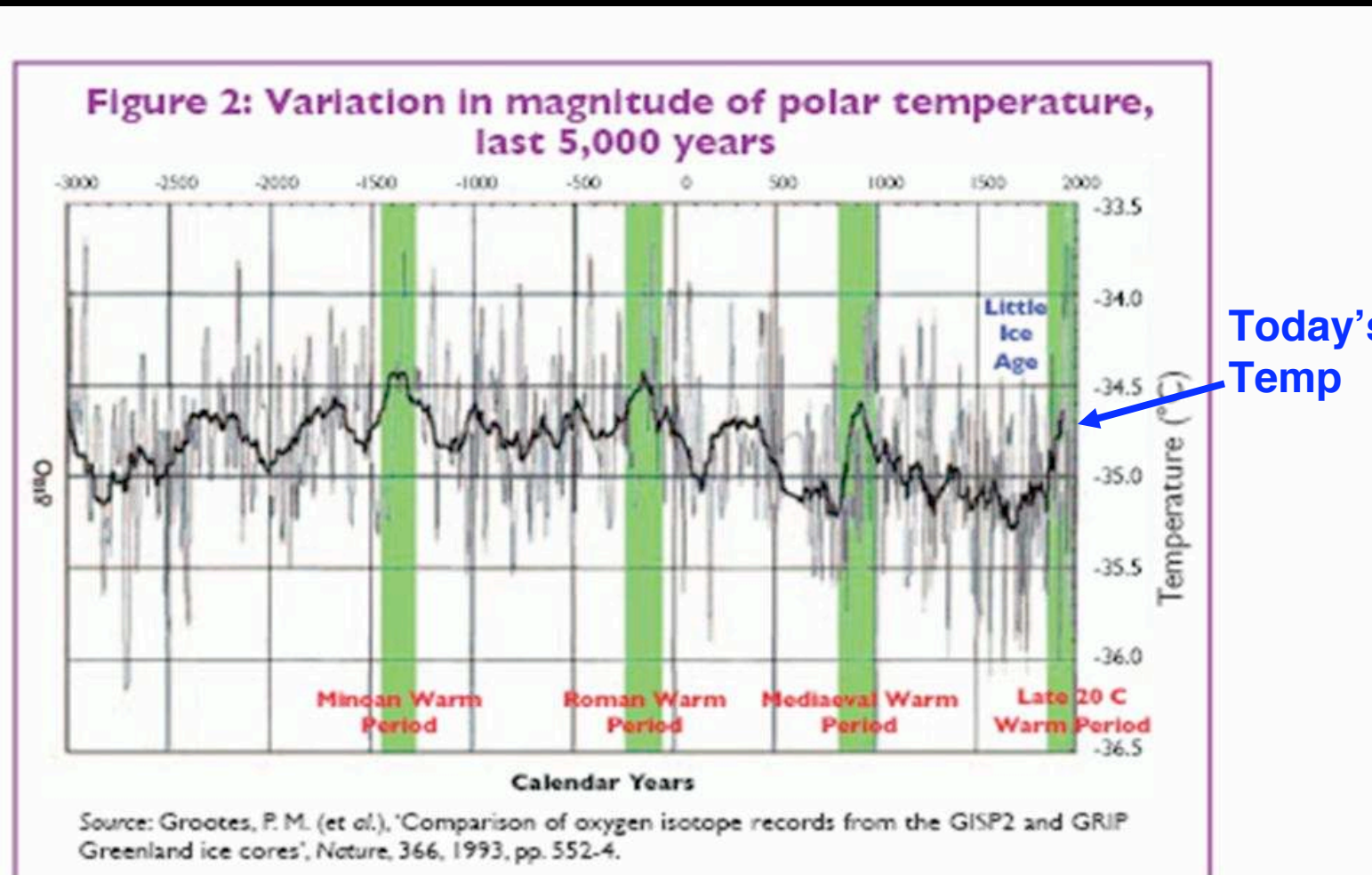
What is the Earth's normal temperature?

Historical Evidence – The last 1,000 yrs



Medieval warm period? Yes. This drawing of a graph in the IPCC's 1990 report shows it clearly.

Over the last 5,000 yrs there were **three** warm periods (green sections) where it was warmer than today and the Earth survived.

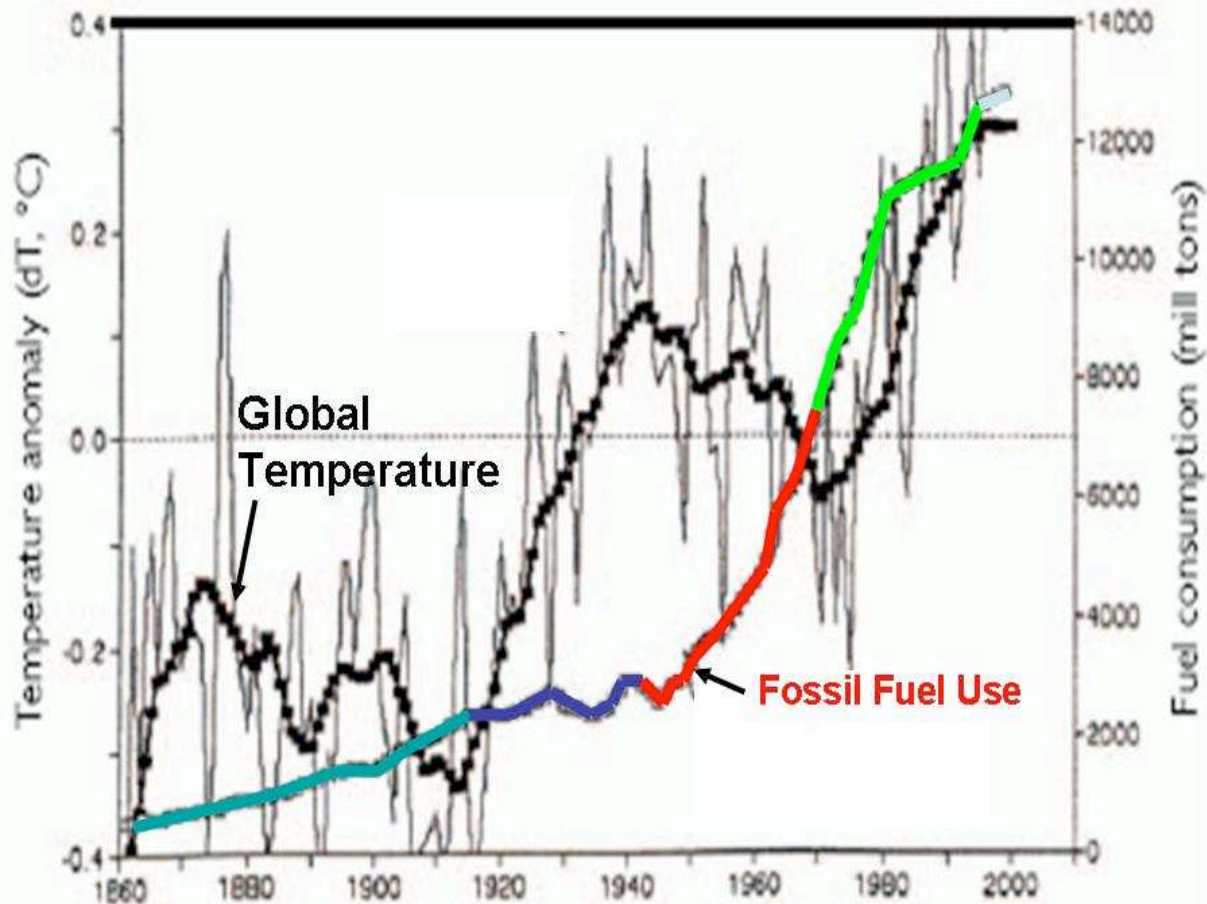


Conclusion :

Climate change is natural, and warmer periods occur without human CO₂ emissions being the cause

Evidence of the last 150 years

Figure 8: Global fossil fuel use vs temperature change



From 1870 to 1915, fossil fuel use was fairly flat & temp went down

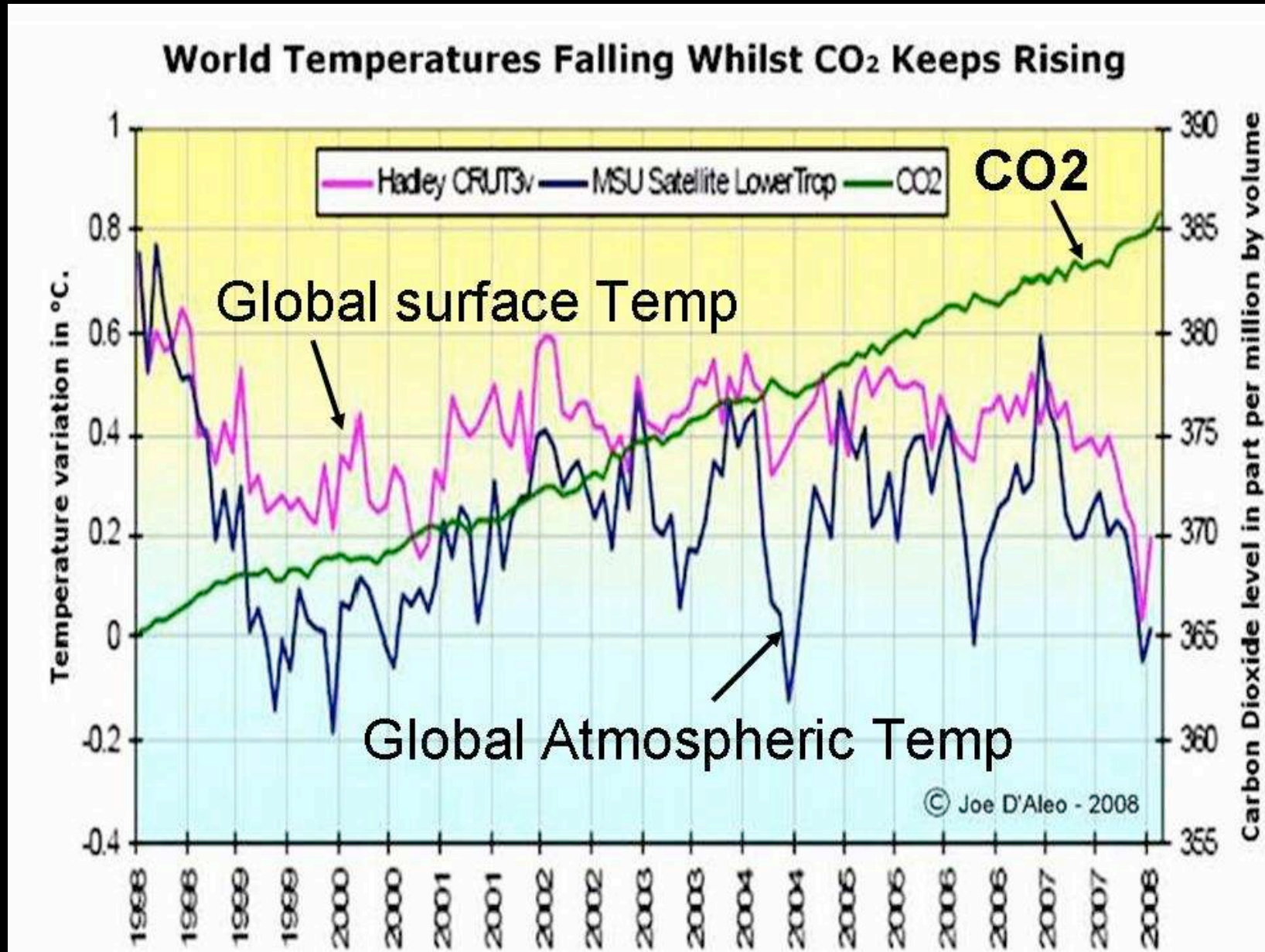
From 1915 to 1940, Fossil fuel use was flat, & temp went up

From 1940 to 1975, Fossil fuel use went up, & temp went down

From 1975 to 1998, Fossil fuel use went up, & temp went up

The first 3 of those periods contradict the idea CO₂ emissions makes the climate warmer

Evidence of the last decade

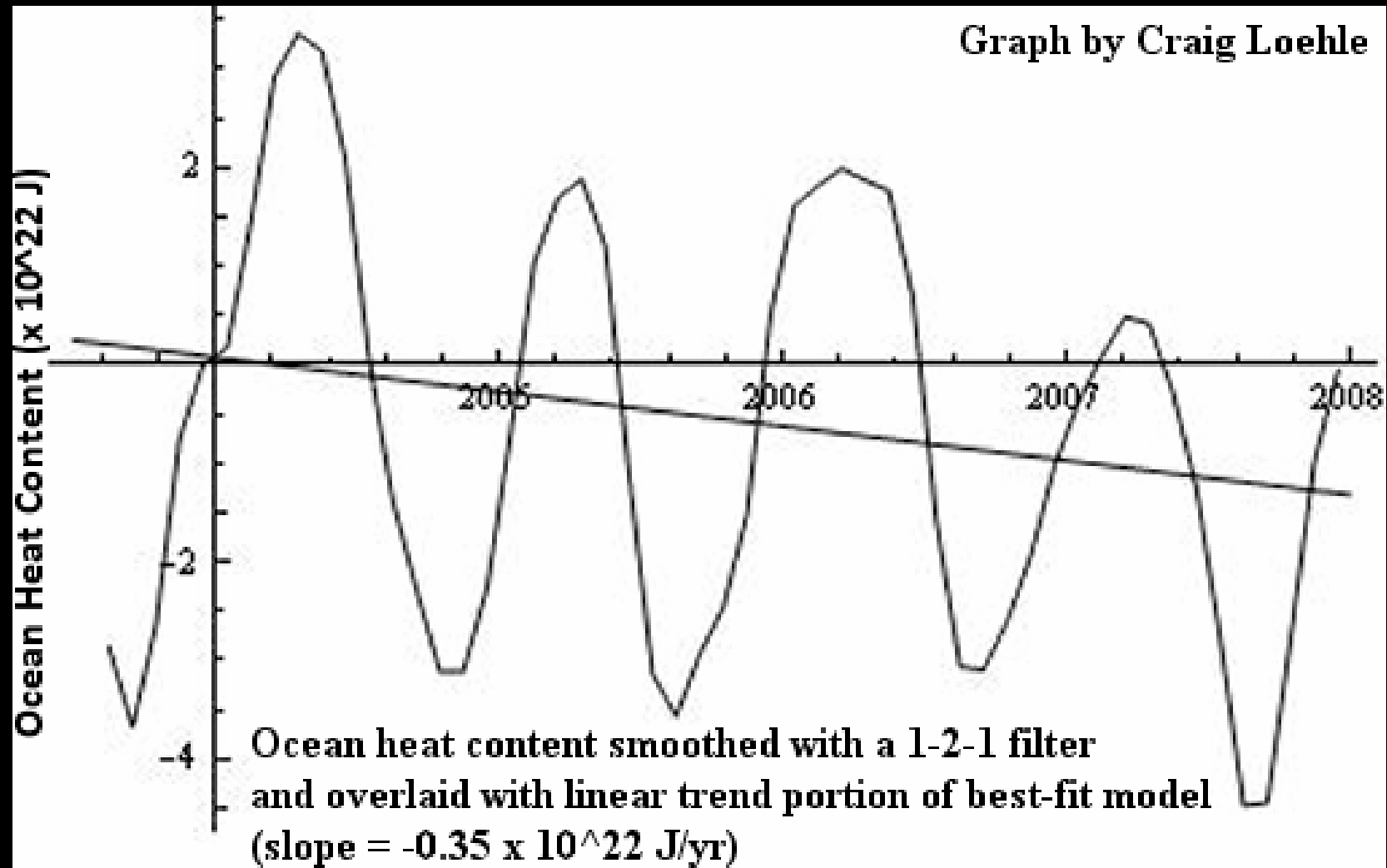


Conclusion:

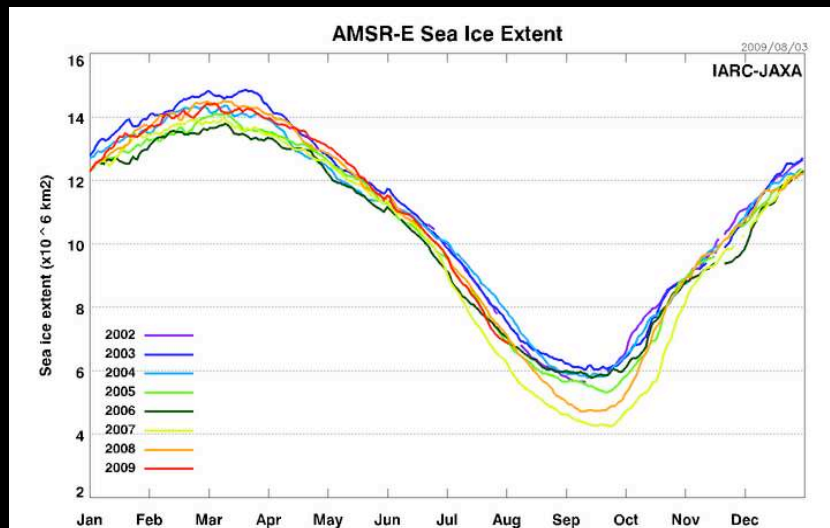
- CO2 increases rarely correlate with the Earths temperature rising.
- Any correlation is therefore coincidental

Evidence of Ocean Temperatures

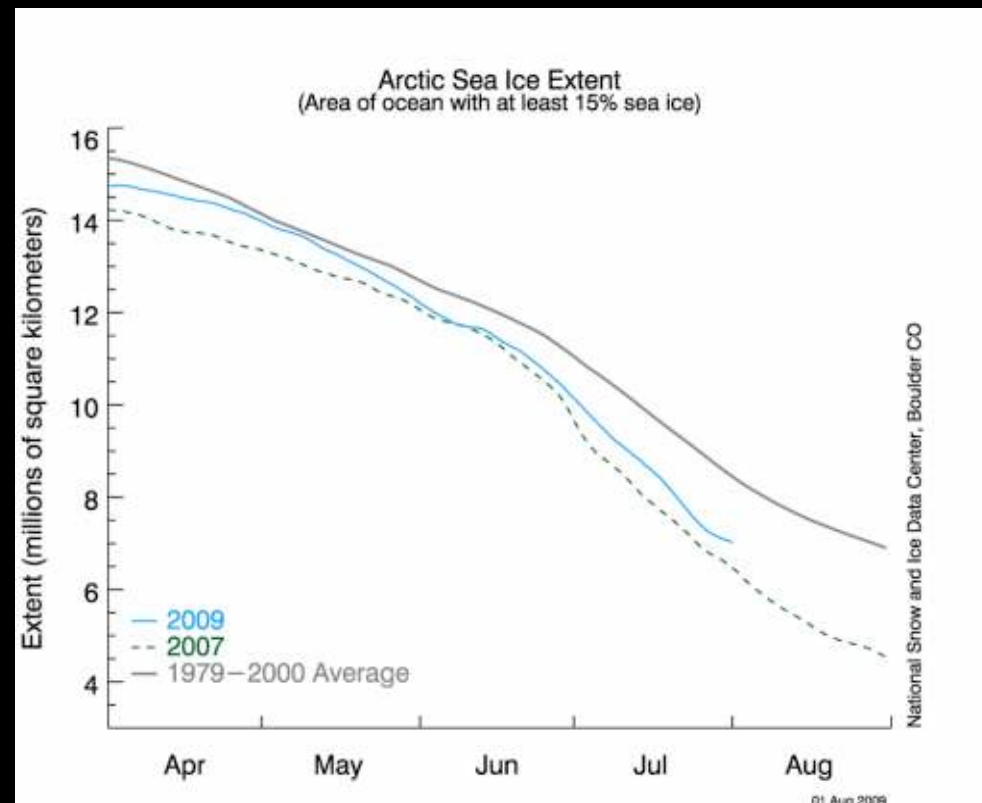
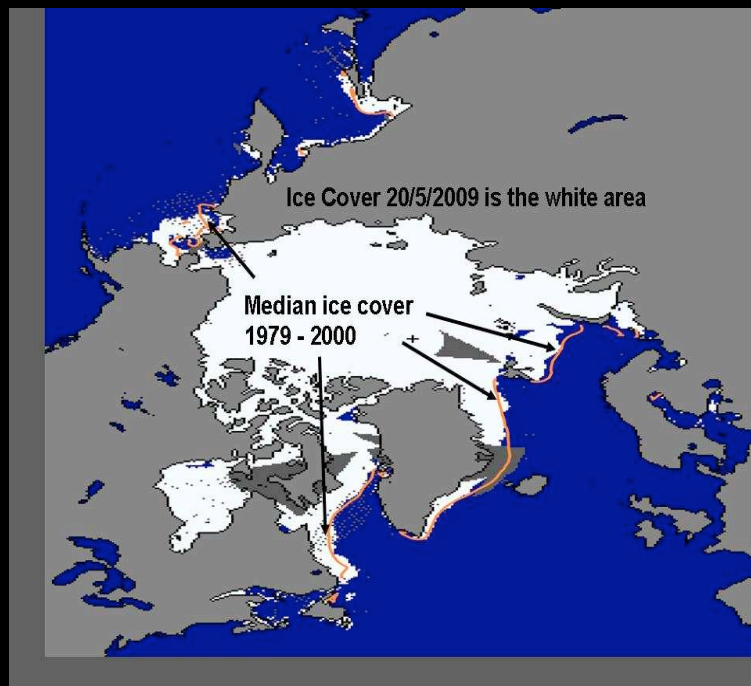
The recent trend is a cooling, the opposite to what is predicted.



The Evidence of the Arctic Ice Cap

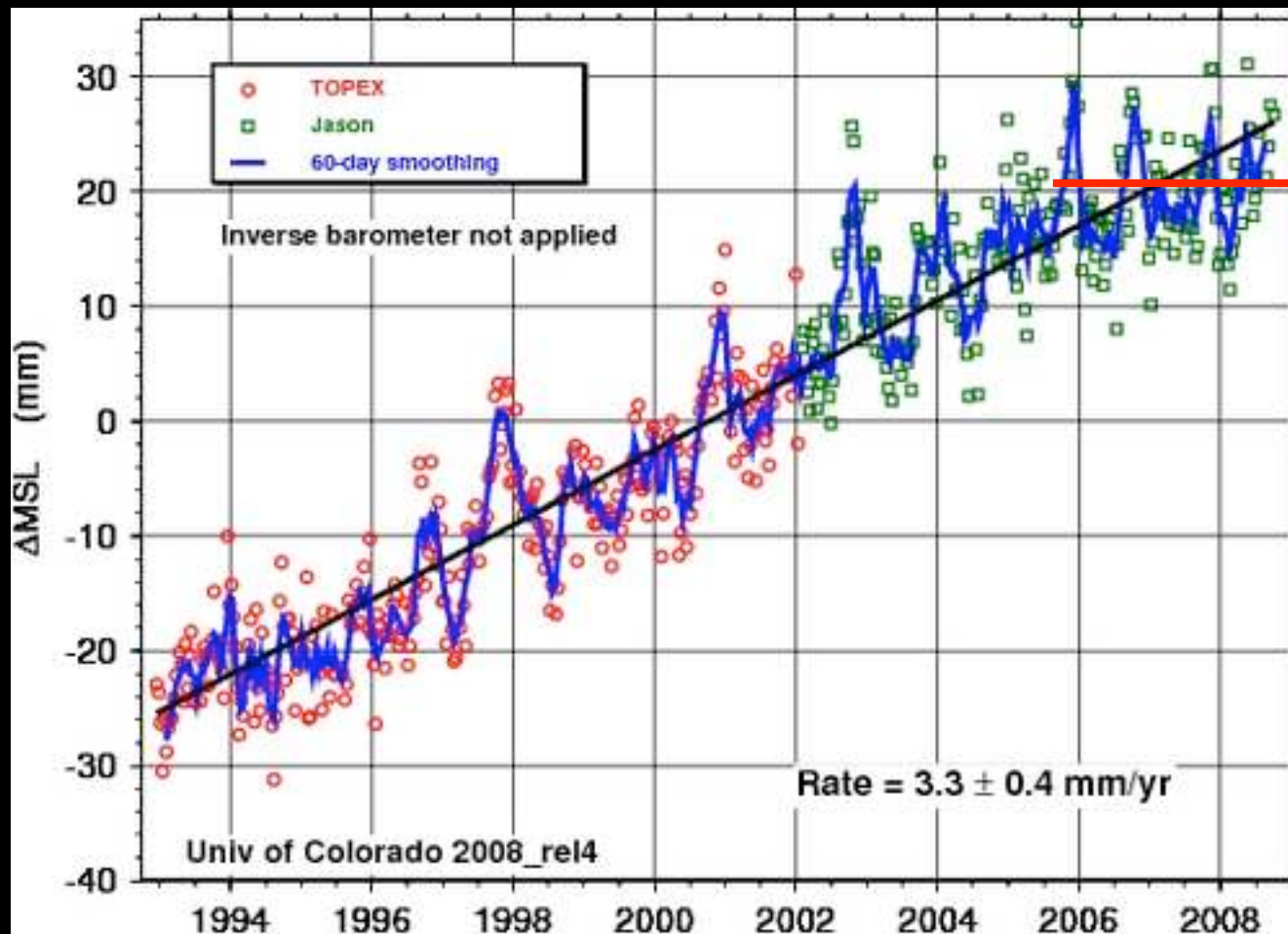


Since 2007, the Arctic Ice Cap is increasing in area back towards the average. Again this is the opposite to predictions



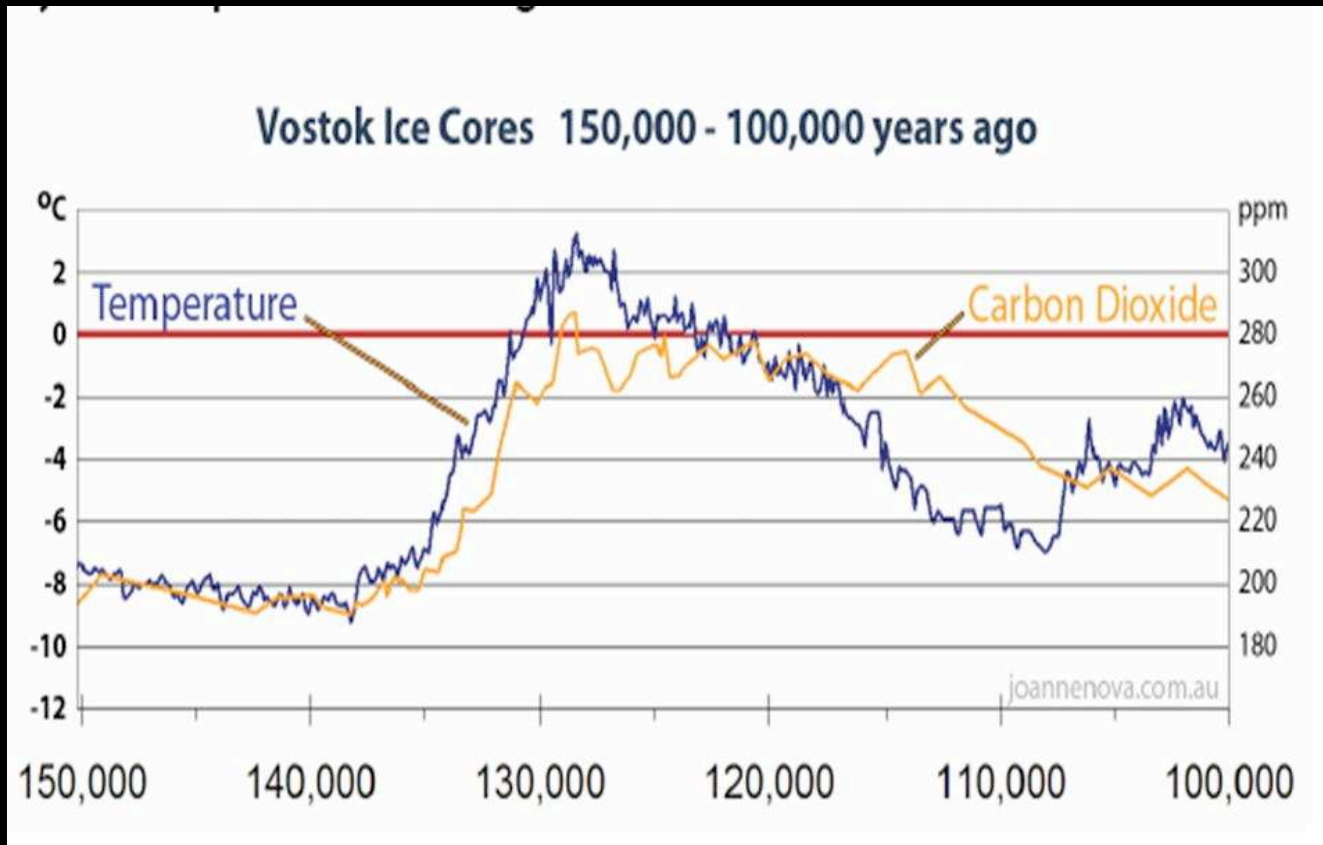
Evidence of Sea Levels

While Sea levels were rising slowly since 1850, They have remained stationary since 2006, again against the predictions.



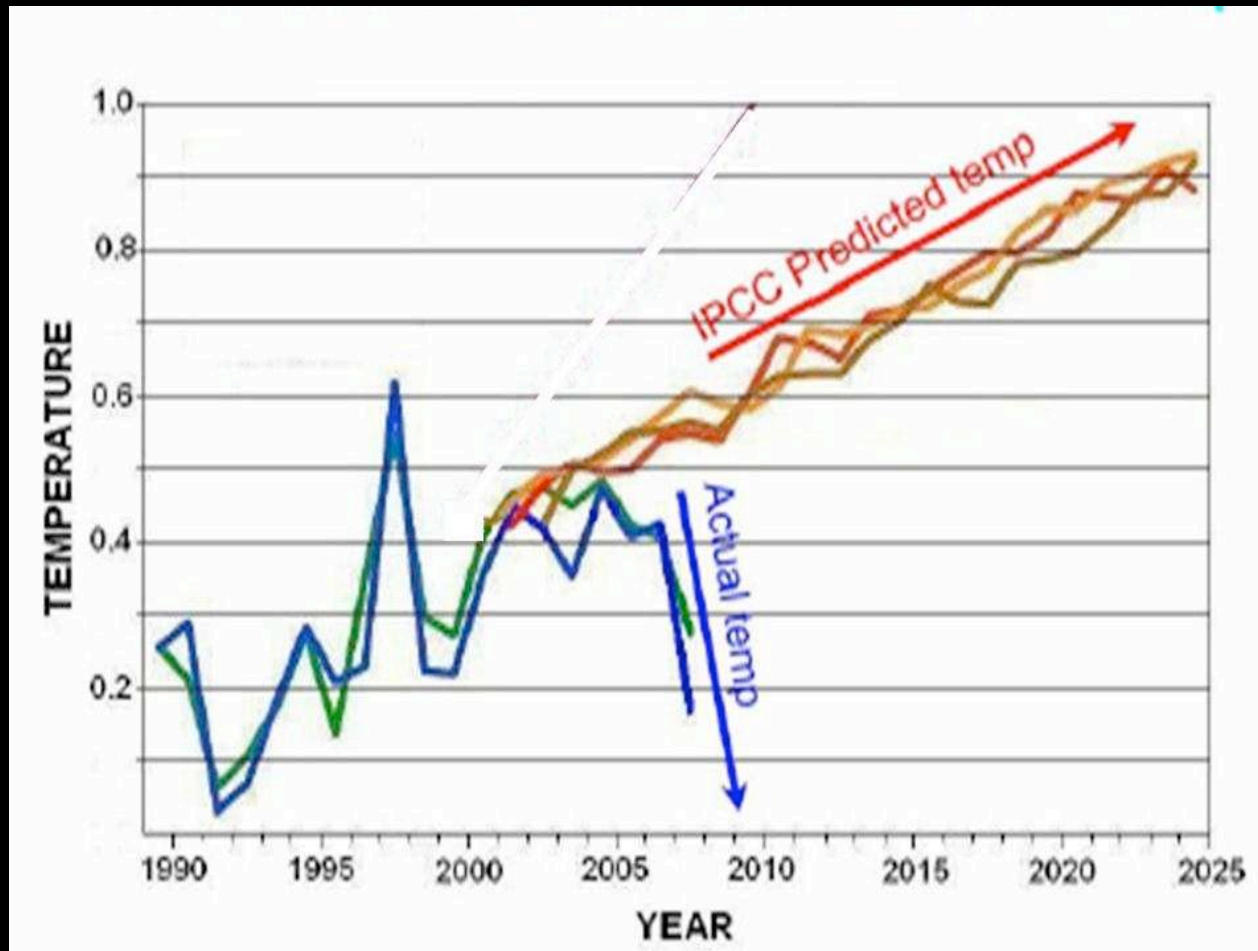
Evidence of Ice Cores

Al Gore used the Ice core data to say that because there was a correlation between CO2 levels and temperature, CO2 made the temperature rise. Close analysis shows the temperature rose before CO2 levels did. A contradiction to Al Gore's claims.

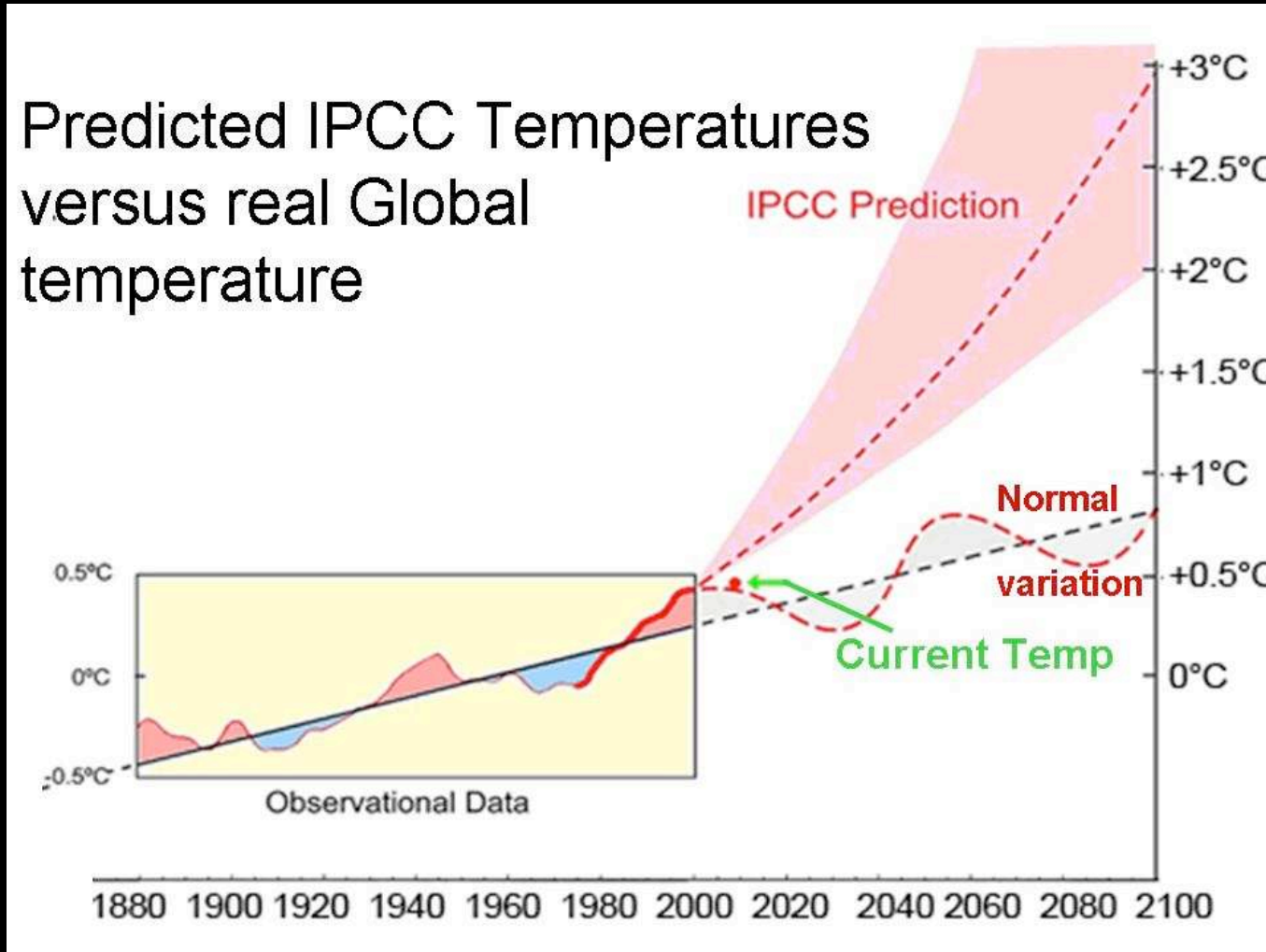


Evidence of the Computer Models

Since 1990, IPCC computer modellers have worked on predicting where the Earth's temperature is supposedly going. We can now see how accurate they are.



And looking at their Predictions on a bigger scale



Now for the really important evidence...

The Evidence of Verifiable Scientific Research

In 2007 a Hungarian scientist Dr Ferenc Miskolczi published a peer reviewed paper and it has not been refuted. He has also worked out new laws about the atmosphere. He has shown from both atmospheric recordings and by theory that the greenhouse effect is saturated and extra CO₂ will not effect the Earths temperature. Fellow Hungarian Scientist and IPCC reviewer Dr Miklos Zagoni now champions his work.

Miskolczi did years of work calculating the atmospheric relationship between atmospheric recordings from 1761 sites from around the world. Below shows where the sites were.

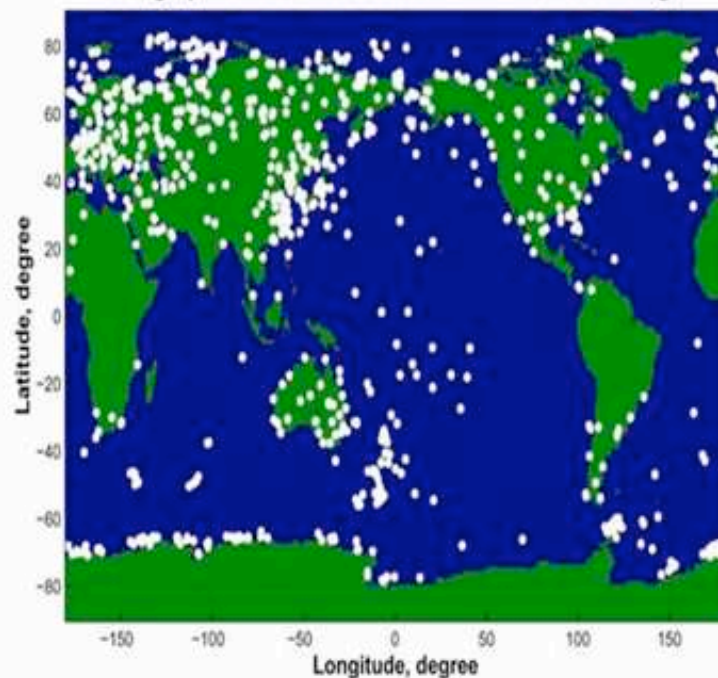


Dr Ferenc Miskolczi

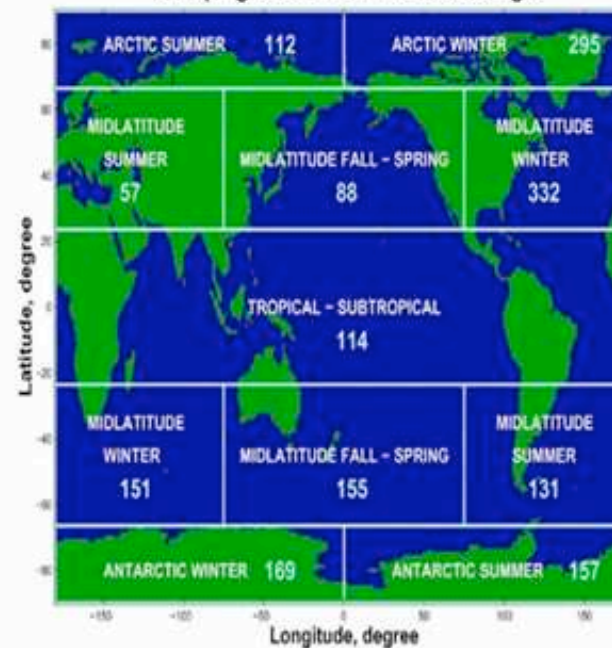


Dr Miklos Zagoni

Geographical Distribution of the 1761 TIGR Soundings



Grouping of the 1761 TIGR Soundings



Miskolczi found the greenhouse effect
(g) is a constant
and equals 0.33 (of the available heat)

- In other words the Earth's temperature varies according to the amount of heat from the Sun and other sources.
- But extra greenhouse gases like CO₂ will not change the Earth's greenhouse effect.

This figure of 0.33 for g (the Greenhouse effect) is backed up by two other scientists Kiehl and Ramanathan in their book

FRONTIERS OF CLIMATE MODELING

Edited by

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National Center for Atmospheric Research, Boulder, Colorado

V. RAMANATHAN

Scripps Institution of Oceanography, University of California, San Diego



**CAMBRIDGE
UNIVERSITY PRESS**

2006

5

The radiative forcing due to clouds and water vapor

V. RAMANATHAN AND ANAND INAMDAR

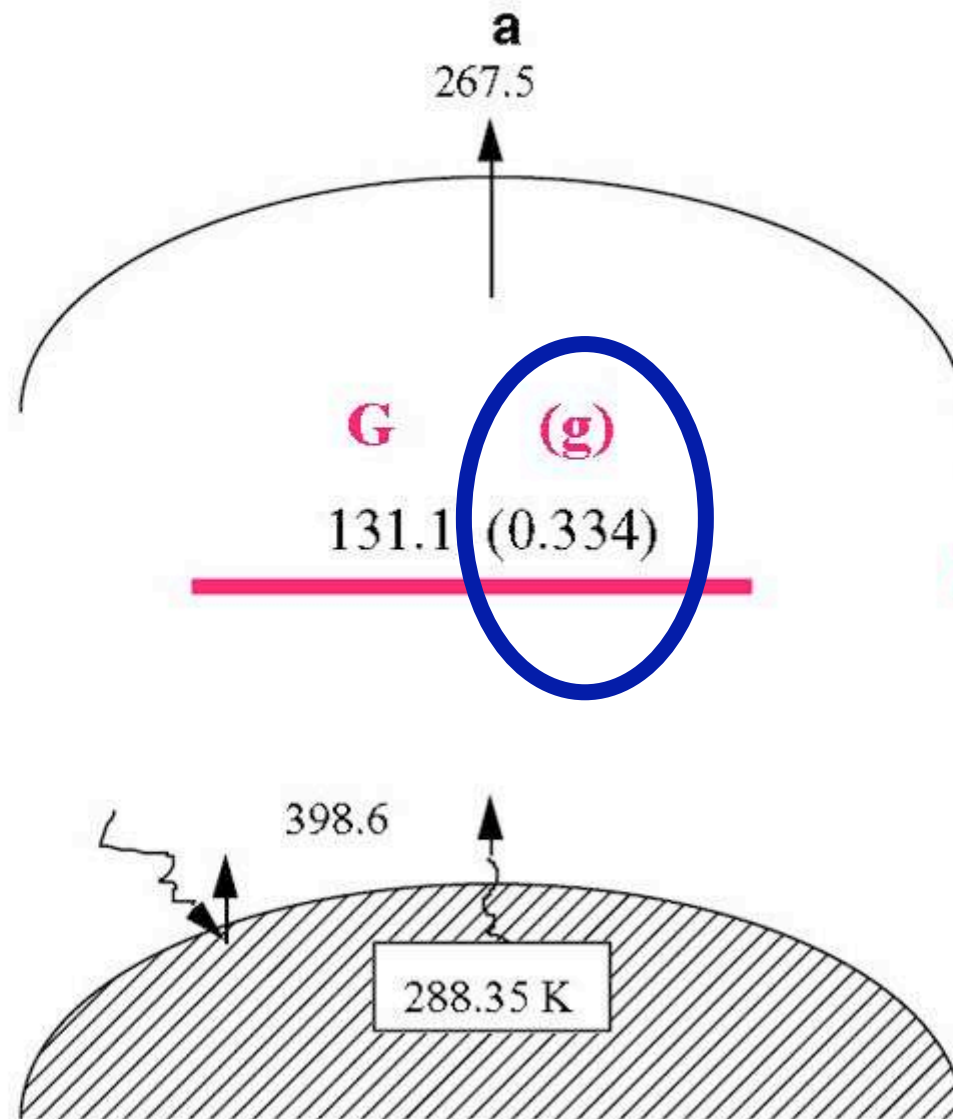
Center for Atmospheric Sciences, Scripps Institution of Oceanography, University of California, San Diego, CA

5.4 Atmospheric greenhouse effect: global and regional averages

Consider first a one-dimensional system with the surface emitting like a black body. The clear-sky outgoing longwave radiation (F_c) and G_a are related by Equation (5.3), where T_s is the surface temperature, and G_a , by definition is given by

$$F_c = \sigma T_s^4 - G_a \quad (\text{OLR} = S_U - G) \quad (5.3)$$

The global average G_a is 131 W m^{-2} or the normalized g_a is 0.33, i.e., the atmosphere reduces the energy escaping to space by 131 W m^{-2} (or by a factor of 1/3). The ocean regions have a slightly larger greenhouse effect (0.35 for ocean



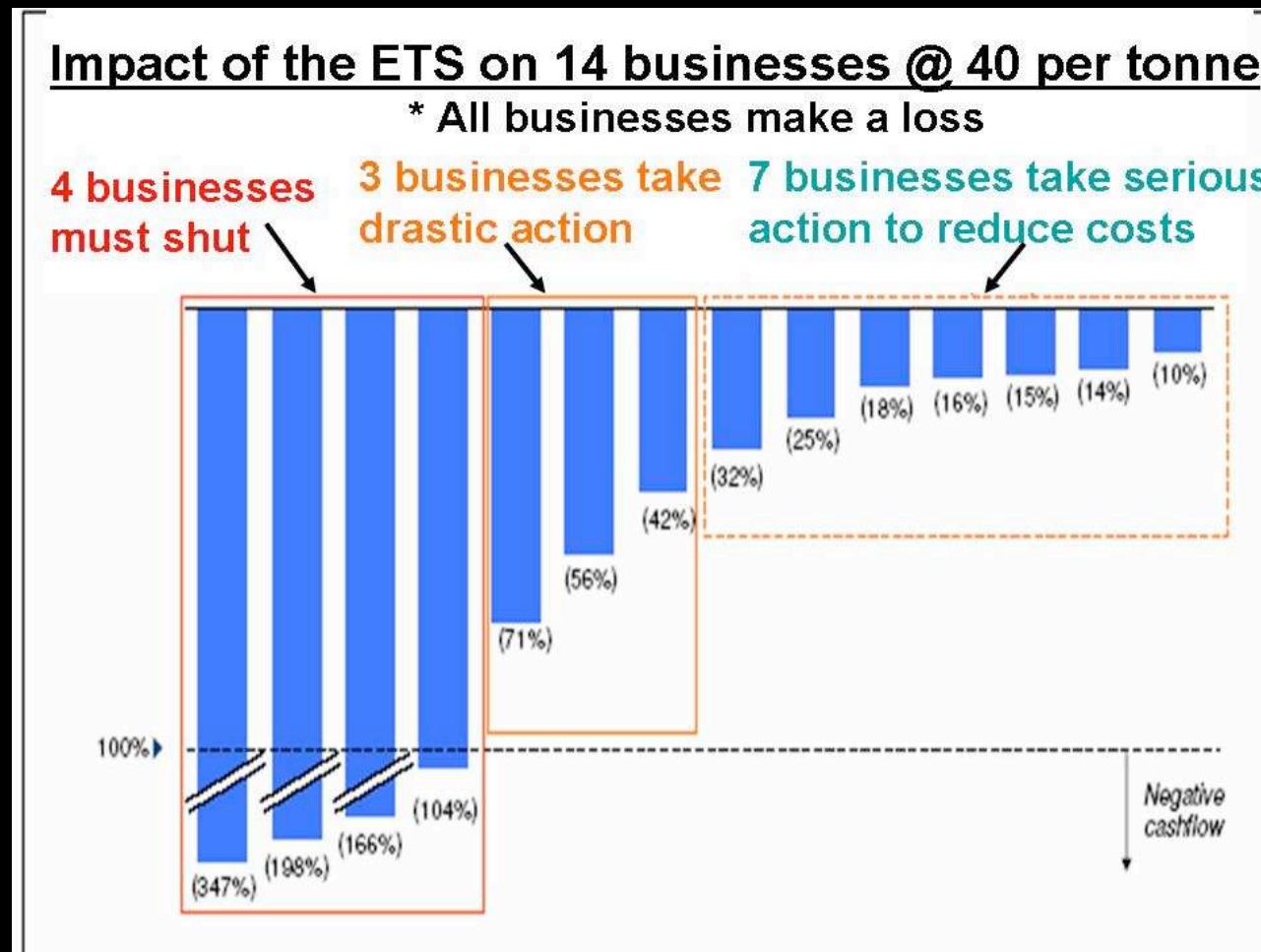
**Ramanathan-
Inamdar, 2006:
empirical fact**

And just to give you the full story, on the next page is the list of Scientists who have found the opposite results to Miskolczi and can demonstrate CO₂ is going to cause the Earth to overheat and make the sea levels rise 6 metres or more.



So has anyone priced what an ETS will cost our businesses?

Yes the Business Council of Australia reported this survey



Has anyone found what sort of price rises will occur in the first few years of an ETS?

- **Yes food will rise 6 – 10 %**
- **Fuel will rise 10 – 40 cents a litre**
- **Power will rise 100%**
- **Unemployment will rise to 20%**
- **Companies will move overseas**

And that's with a Carbon Price of \$10 - \$40 a tonne

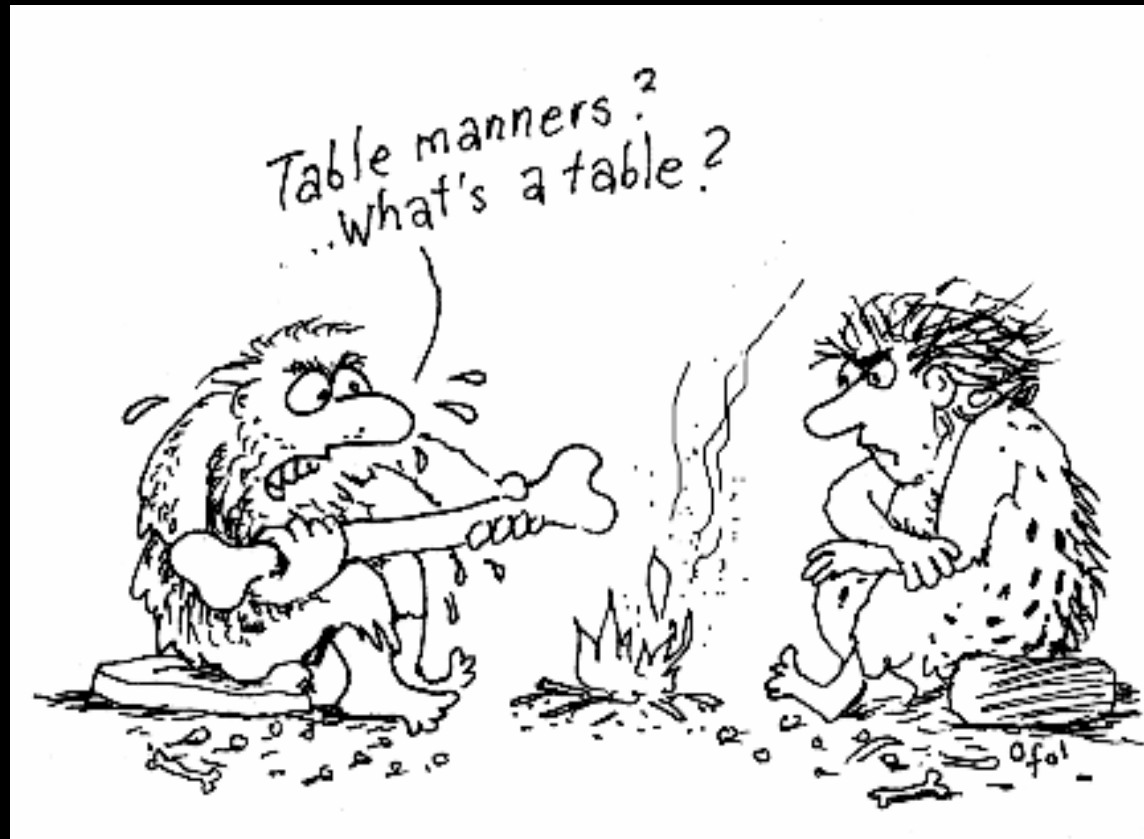
Nobuo Tanaka, executive director of the International Energy agency has said that by 2030, to meet international emissions targets, a carbon price of \$225 a tonne would be required.

That's 22 times higher than what Kevin Rudd is starting the carbon price at.

So you have some choices

Ignore this issue and let someone else worry about it.

5 Years after the ETS begins



The ETS is not fairy tale stuff.

**It is very likely to be voted into
Australia this November.**

**It will mean Australia`s economy will
become the equivalent of Cambodia`s
within 10 years.**

But you can get involved and make a small difference

If you are not sure where to start

- **Go through the Climate Sceptics web site and check out the information pages.**
- **We hope you will become a member of the party and vote for us in the Senate.**

You can also

- **Email this presentation to other people**
- **Maybe donate money for some TV ads**

(* despite the rumours, we are not funded by big oil)

Remember the fight is not just against the ETS

- **It is that Scientific evidence is being ignored,**
- **It is that Logical arguments are being ignored**
- **And international bodies will dictate to us how our lives will be run**



**Thanks very much for viewing
this presentation.**

**We hope to get to meet you
sometime.**

Cheers,

Leon Ashby

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