

Committee Clerk
Room 245, Parliament Buildings
Belfast
BT4 3XX

17 February 2009

Dear Mr McGarel,

Thank you for inviting me to submit a written response to your Committee.

Let me start with a brief summary about the basic properties of carbon dioxide, followed by a synoptic summary based on the terms set out in your invitation. In addition, there are nine attachments, four by UN IPCC Expert Reviewers, and each of which by itself should make your Committee think twice about climate change mitigation measures, a bandwagon process by which countries around the world are pressured to make widespread and costly commitments without an absolute or even a vague assurance that the phenomenon exists.

The UN's IPCC bases its dire forecasts on nothing more than computer models that regard the earth as a flat disk bathed in a constant 24 hour haze of sunlight, without north and south poles, without clouds and without any relationship to the real planet we live on.

Despite much rhetoric and research over the past two decades, there is still not a single piece of actual evidence that the now-maligned carbon dioxide molecule causes global warming (or "climate change").

To over 40,000 fellow scientists from around the world and to me this is no surprise, for no such evidence can ever be found.

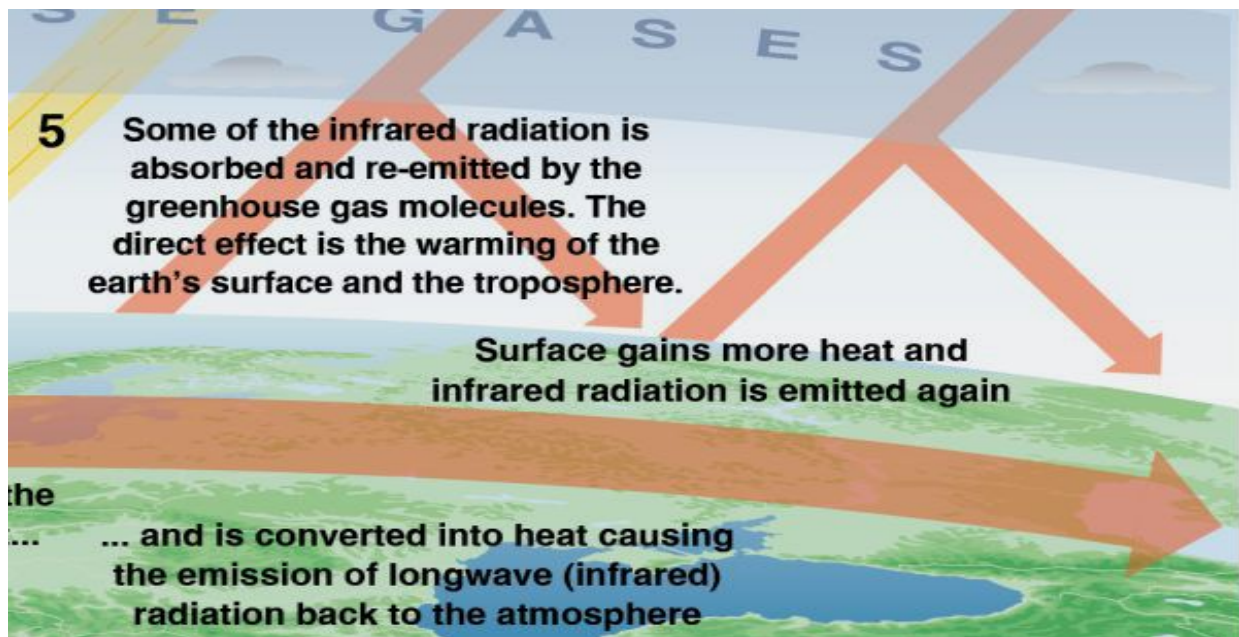
Carbon dioxide, at less than 400 parts per million by volume, does not and can not influence either the atmospheric temperature or the climate in a measurable way. Only laboratory experiments with heat lamps can make carbon dioxide do what climate change proponents want it to do, that is, warm the flasks that contain CO₂. Yet this is not principally how the open atmosphere gets heated and no laboratory experiment can mimic actual air dynamics or be extrapolated to represent them.

The earth's air hugs the surface like a thin shell which is encapsulated by a perfect thermal insulator: the vacuum of space. Earth does not need a "blanket of greenhouse gases" to keep it warm or protect it from the cold of space, because space is not cold at all, having no temperature of itself. In other words, it is a major misconception that the earth's temperature needs insulation to begin with, let alone that a trace gas at barely 400 parts per million by volume is providing this insulation. The as yet poorly understood adiabatic processes generate enough heat to keep the earth at a near-constant temperature with near-constant solar radiation providing the extra heat and energy for life as we know it.

Although the issues involved may seem hugely complex, they are simple if one looks at carbon dioxide's potential to warm the atmosphere or the earth.

First and foremost, air does not respond well to the electromagnetic radiation which CO₂ reacts to and re-emits.

Consider a microwave oven, where the interior's air is not warmed by the microwaves but by the heated food instead. This roughly simulates how the surface of the earth warms the swirling air that comes into contact with it. Yet the IPCC has it that energy radiated by the earth is re-radiated back by "greenhouse gases" which make the system ever warmer. This second-hand infrared energy supposedly causes a warming of the troposphere, as depicted in this UN IPCC graphic:



Without a cause, however, there can be no effect. This is why the predicted greenhouse tropospheric "hot spot" is missing. Not only is the hot spot not there, it cannot be there! *For without a cause there can be no effect.*

As per the same IPCC graphic, re-radiated infrared energy is also supposed to warm the earth. In reality, energy that is re-radiated by a molecule spreads out in three dimensions. Thus only about 35% at best can be directed back to where it came from.

But, **critically important**, *re-radiated energy cannot make a heat source any warmer than it was in the first place!* If it could, we would have found the holy grail of energy, a perpetuum mobile whereby more energy is extracted than what goes in. If reflecting heat back to a heat source raises its temperature, then just keep reflecting it to raise its temperature even more, and so on, till a one watt input generates a billion watts of power. Clearly impossible. *Yet this child's version of science has charmed much of the world into uncritical belief.*

Secondly and of equal importance is the fact that human activities constitute about 3% of the yearly emissions total. More than 98% of this total is absorbed within a year (thus contradicting the long residence claim). Since 1.5% is left over, which is recorded as the increase of atmospheric CO₂, the human contribution is only 3% of this 1.5%. This means that, as a maximum, only some 14 ppmv (parts per million by volume) of the increased levels of carbon dioxide can be ascribed to human activities, as indicated by figures provided by the US DOE and IPCC:

Table 3. Global Natural and Anthropogenic Sources and Absorption of Greenhouse Gases in the 1990s

Gas	Sources			Absorption	Annual Increase in Gas in the Atmosphere
	Natural	Human-Made	Total		
Carbon Dioxide (Million Metric Tons of Gas) ^a	770,000	23,100	793,100	781,400	11,700
Methane (Million Metric Tons of Gas) ^b	239	359	598	576	22
Nitrous Oxide (Million Metric Tons of Gas) ^c	9.5	6.9	16.4	12.6	3.8

Energy Information Administration
Office of Integrated Analysis and Forecasting
U.S. Department of Energy

Source: Intergovernmental Panel on Climate Change, *Climate Change 2001: The Scientific Basis* (Cambridge, UK: Cambridge University Press, 2001).

Third is the inconvenient fact that the world hasn't been warming for a decade, anyway, despite a steady and ever climbing carbon dioxide level, proof enough by itself that no influence over global temperatures is to be gained from carbon dioxide.

From this short summary, coupled with my further comments below and the attachments hereto, I sincerely urge your Committee to demand positive proof from alarmist scientists to indicate that it is carbon dioxide and nothing else that has ever - now or in the past - caused any warming of the earth.

Actual observed evidence needs to be put on the table, not computer model outputs or presumptively-inferred evidence. Glaciers are not melting in alarming fashion, the Greenland icecap is not collapsing and the Arctic is not about to become ice-free. Neither is the Antarctic melting away and sea levels are not rising any faster than they have done for the past 11,000 years, etcetera, etcetera, etcetera - there is simply no irrefutable evidence.

Any and all alarmist predictions and observations have been decisively disproved over the past decade, whilst global temperatures have been going down rapidly instead of ever up as had been so widely predicted by the constant tweaking of climate models.

Based on the behaviour of the one and only true climate driver, our sun, your Committee as well as the UK Government would be better advised to prepare for longer, colder winters and shorter growing seasons for many decades to come.

With respect,

Hans Schreuder
Analytical chemist (ret.)

www.ilovemycarbon dioxide.com/carbondioxide.html

Enc:

- Synoptic summary
- Climate Change, by Richard Courtney, IPCC expert reviewer
- The Global Warming Scam, by Vincent Gray, IPCC expert reviewer
- Spinning the Climate, by Vincent Gray, IPCC expert reviewer
- CFC Destruction of Ozone, by Bob Ashworth, Chem. Eng. (En. & Env.)(ret.)
- Burn and Bury?, by Viv Forbes, geologist and mineral economist
- Letter to Ministers, by Piers Corbyn, astrophysicist (QMC)
- Under the weather, by Karel Beckman, editor-in-chief of European Energy Review
- Three essays on climate models, by Henk Tennekes, former dir. of research KNMI
- Selected additional excerpts, by the author

This Submission is also online at:

www.tech-know-group.com/NISubmission/index.html

Total number of pages of this Submission: 109.