## **Climate Change**

The Minister for Climate Change has produced a "Discussion" Document that only wishes to discuss what is to be encompassed in the Zero Emission Bill, not whether we should be taking the draconian path he is set down for New Zealand with the fervour of the most rabid of zealots. He and his followers are trying to have us embark on the most anti-human piece of legislation our Country has ever seen. Nowhere does the document indicate an achievable plan that sees all hydrocarbon based energy being replaced by supposedly "renewable" energy sources. New Zealand has already ruled out any involvement with Nuclear Energy and our hydro resources are all-but fully developed now. Not one nation has yet to claim they have the ability to replace hydrocarbons with solar/wave/wind generated energy. Indeed Germany and the Scandinavian nations who were at the forefront of developing these sources have admitted it will not be achievable. How is all this additional electrical energy required to replace hydrocarbon based energy going to be generated? The short answer seems to be that it won't and our economy must inevitably contract. Einstein claimed that there are only two things that were infinite - The Universe and Human Stupidity. Surely we are now embarked on confirming the latter. The Minister makes the claim that 97% of climatologists agree that human use of hydrocarbons and the release of CO2 is to blame for global warming and thus there is consensus. As it turns out this figure was derived from the analysis of some 11,000 ABSTRACTS. Only those abstracts that specifically addressed the accelerating levels of CO2 were included. Of the total number of abstracts included, only approximately 33% qualified and of these, 97% supported the premise that rising CO2 levels were contributing to Global Warming. So this supposed "Consensus" is not a consensus at all but in reality 32.2% of the study base indicating agreement. In the Minister's promotion of the proposed "Act" he talks about 70 cm rise in sea levels. Analyses of tidal heights in New Zealand over the last 100 years indicate there has been approximately a 10.2 cm rise. The Australians were concerned about the lack of data so they installed some 18 stations to measure tidal heights. They have since removed them all as they were unable to detect any rise. Whilst the oceans may ultimately rise 70 cm, I would defy any oceanographer or climatologist to say over what period this will occur. The IPCC, which our Minister and Al Gore place their faith, has yet to produce a model that is able to predict the future (or the past) with any accuracy. The supposed massive accelerated rise in temperature illustrated by the famed "Hockey Stick" was only able to be achieved by falsification/manipulation of data. CO2 density in the atmosphere has risen from 310 ppm in 1958 to 400ppm in 2017. I have yet to find the data which indicates the sensitivity of Global Temperature to CO2 density but intuitively I would find it hard to believe that an increase of 0.00009% would have the effect being claimed and be the driving force for the contraction in our economy being proposed. Equally I have yet to find what density of CO2 the Alarmists would have us achieve. The Minister's "Discussion" Document, seems to base all its authority on models using the GIGO principle [Garbage In – Garbage Out]. A review of solar irradiance and water vapour indicates a much closer correlation to actual hemispherical composite temperature and perhaps this should be further examined before embarking on a path that would have us give up our greatest source of concentrated energy, hydrocarbons. I certainly do not share the climate change zealot view that reducing our GDP by over 20% is responsible government!