

Dear Committee Secretariat

My name is Kody Finlay and i am a member for citizens for safe technology.

I would like address the issue of 5G, the fifth generation cellular technology due to be rolled out largely across Australia.

Radio frequency electromagnetic radiation has for quite some years been a point of argument about it's potential health effects on biological life.

There has been numerous amounts of studies performed over the last 30 years into health effects from non ionizing radiation given off by RF EMR and an ever increasing amount these have at the very least stated; "further investigation required/warranted.

As early as year 2000s Stewart report stating;

"The Stewart Report concluded that 'it is not possible at present to say that exposure to RF radiation ... is totally without potential adverse health effects, and that the gaps in knowledge are sufficient to justify a precautionary approach.

All the studies stated on the

https://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Environment_and_Communications/Completed_inquiries/1999-02/emr/report/c02 website prior to this study only stated no evidence of harm based on thermal effects. Where as we have begun to understand for the past 20 years, there is many scientific studies that have found evidence of harm from RF non ionizing radiation without thermal effects. Thermal heating effects do not need to be present for cell changes to take place.

Radio frequency electromagnetic fields have been classed as Group 2B carcinogen by the international agency for research on cancer(IARC), World Health Organisation(WHO). This is at current levels of RF EMR without the increase that 5G produces and without antennas at street level outside peoples windows. Without smart meters and other IoT(internet of things) devices. With recommendations for reevaluation that would place EMF/EMR in group 1 Human Carcinogen.

NCBI(National Centre for Biotechnology Infomation), US Nation Library of Medicine report stating case studies performed since IARC(International Association for Research on Cancer) 2011 categorisation of Radio Frequency Radiation. Confirm Radio Frequency Radiation as human carcinogen. Strengthening recommendations that RF EMR should be categorized as Group 1 human carcinogen.

<https://www.ncbi.nlm.nih.gov/pubmed/30196934>

The precautionary principle is not being applied dispite overwhelming concern from citizens, doctor's, scientists, professors and industry experts. Many groups have contacted the WHO, ACMA, ARPANSA and Paul Fletcher. Which has been met with either silence or the same standard reply that is; 5G falls below exposure levels set out by (insert government body name) and that it is non ionizing radiation, so it is safe.

These answers are simply not good enough and goes to show the complete neglect of Australia's citizens health considering the huge amounts of evidence available to the government, telcos and the public.

5G brings unprecedented amounts of more radiation by bringing small cells to street level every 2-10 homes, coupled together with the smart street lamps, smart meters and IoT.

The people of Australia do not wish to be experimented on and doing so without further peer reviewed evidence that has been neglected to be shown, is an abuse of basic human rights. Please halt the roll out of 5G until such evidence can first be established.

Yours sincerely

Kody Finlay

Concerned Citizen