

Dear Matt Hancock, MP,

I write in response to your call for views on the approach the Government should consider for supporting 5G network deployment pilots. I notice that the Government has not mentioned monitoring the health and safety effects of the proposed deployment. Given the considerable body of scientific evidence for the detrimental health effects of Radio Frequency EMF exposure on both human beings and non-human species, surely it would be irresponsible to proceed with the introduction of 5G without taking into account the already existing evidence and conducting further research.

The evidence for the detrimental health effects of Radio Frequency EMF exposure can be consulted in the following readily accessible sources:

- 1) The BioInitiative Report (2012) available online at www.bioinitiative.org
- 2) Katy Singer, *An Electronic Silent Spring* (Great Barrington: Portal Books, 2014)
- 3) Arthur Firstenberg, *The Invisible Rainbow* (Santa Fe: AGB Press, 2017)

I would like to draw your attention to the International Appeal to the Secretary-General of the UN, the Director-General of the WHO and the Executive Director of the UN Environmental Programme, signed by 240 scientists, November 9th, 2017, expressing their “serious concerns regarding the ubiquitous and increasing exposure to EMF generated by electric and wireless devices” and urging the adoption of “more protective EMF guidelines, encouraging precautionary measures and educating the public about health risks”. The full statement can be accessed at <https://emfscientist.org/index.php/emf-scientist-appeal>.

May I also draw your attention to Resolution 1815 of the Council of Europe (2011) to “take all reasonable measures to REDUCE exposure to electromagnetic fields, especially radio frequencies from mobile phones, and particularly the exposure to children and young people who seem to be most at risk from head tumours... Assembly strongly recommends that the ALARA (as low as reasonably achievable) principle is applied, covering both the so-called thermal effects and the athermal or biological effects of electromagnetic emissions or radiation” and to “improve risk-assessment standards and quality.”

As the UNESCO Precautionary Principle adopted by the EU in 2005 states that “When human activities may lead to morally unacceptable harm that is scientifically plausible but uncertain, actions shall be taken to avoid or diminish that harm”, is it not incumbent on the Government to abide by this principle?

I therefore urge you not to proceed with the deployment of 5G Radio Frequency EMF expansion until independent scientists (i.e. with no conflict of interest) have

evaluated the health risks and verified that it will not be harmful to UK citizens and the natural environment.

Yours sincerely,