Notice of Liability re: the rolling out of 4G and 5G networks

# Dear Councillor/MP/MSP/ Minister,

**The main purpose of this letter is to get the support which is urgently needed in order to safeguard the well-being, health and lives of the people in our community, as also the essential integrity of their living environment from the effects of the deployment of 4G & 5G networks. This document serves both to inform and protect you from attracting civil or criminal liability in relation to any of your actions and omissions surrounding the rollout and functioning of 4G & 5G technologies in your ward/district, of which macrocells (tower cells), microcells, small cells and wifi systems are the essential part as sources of dangerous wireless pollution.**

**I am aware that our governmental authorities have advised the public that 5G deployment and, generally, RF radiation at ICNIRP guidelines levels is safe. As we are still living in a democracy in which free thinking is not criminalised, I absolutely have to declare that I do not believe this assertion to be correct. This is not a matter of political opinion, but of health, safety and fundamental human rights and, in support of this, I will present you some very strong arguments, which are detailed and referenced in the attached document ‘**[**ON THE EXTREME DANGERS OF RF/ NON-IONISED RADIATION (4G, 5G & 6G) & THE DENSE NETWORK OF 5G SMALL CELLS/ MIMO TOWERS IN OUR COMMUNIITIES**](https://tinyurl.com/y2uec9zx)**’[[1]](#endnote-2).**

**This is the first part of my and my local group’s course of action, after taking expert legal advice on this issue. As an elective representative/ a governmental authority, you cannot disregard any concerns around safety and health. My family and many of my neighbours have huge fears for the effect on our health and that of our children and some of us already perceived that the radiation in their area is affecting our health, mood, work capacity and sleep patterns. The actual legislation shows that the local and governmental authorities have a duty of care in matters of the health of the population in their area, including the exposure to ionising and non-ionising radiation[[2]](#endnote-3) Each telecom company involved in the wireless deployment responds for their own structures and activities and does not care about those of another similar company, but the representatives that approved their deployment are liable for the potential harm resulting also from the cumulating and interfering effect of all RF emissions from all the providers in the area . We are unaware of any scientific studies or reports testifying that medium or long term exposure to multiple RF frequencies from different sources simultaneously has been proven to be safe for animals or humans. However, this is the situation of all of us,** **in real life.**

**The main problems scientifically identified as related to the health and environmental effects of RF (non-ionising) radiation, particularly the higher frequency 4G and 5G, are explained and fully documented in the above mentioned attached document and are given here in summary:**

1. **In 2011 IARC (The International Agency of Research on Cancer, subordinated to the WHO) has declared Non-Ionising Radiation (or RF radiation) a class 2B (possible) carcinogen, along with chloroform, DDT, engine exhaust, lead etc. This in itself should have been treated as a red flag by the responsible governmental and medical authorities, especially in the context in which a number of the scientists involved claimed later that the RF classification should change to carcinogen.**
2. **The UK Government follows the ICNIRP (*the International Commission on Non-Ionizing Radiation Protection*) Guidelines in this matter. ICNIRP is a foreign NGO based in Germany, in which British experts in the RF research are not involved. ICNIRP considers that Non-Ionizing Radiation \*RF) can cause harm only at thermal (tissue heating) levels. Their guidelines are thus only based on measuring thermal effects as a result of a very short RF exposure, generally 6 or 30 minutes. ICNIRP dismisses all existing RF scientific literature dealing with non-thermal effects, including the largest experimental studies National Toxicology Program and Ramazzini Institute research (Falcione) that prove cancer causation in animals and totally ignores the international experts’ warnings related to the effects on long term, the synergistic effects of multiple frequencies and powers from various emitters, the association with other toxic factors pregnant women, children and babies, as also, the documented RF impact on animals, plants and insects. The only issue found by ICNIRP is the particular effect of RF on people with a couple of medical conditions, peacemakers and metal implants, but as known, our authorities didn’t even care to warn such people. The ICNIRP Guidelines have anyway been utterly discredited: thousands of studies and peer-reviewed papers contradict their conclusions and hundreds of experts, doctors and scientists have rallied publicly against them. A number of such initiatives coming from such experts, for examples the** [**INTERNATIONAL APPEAL – STOP 5G ON EARTH AND IN SPACE**](https://www.5gspaceappeal.org/the-appeal)**[[3]](#endnote-4),** [**MEDICAL DOCTORS AND PUBLIC HEALTH ORGANIZATIONS – Consensus Statements and Recommendations on Cell Phones and Wireless Radiation**](https://ehtrust.org/science/medical-doctors-consensus-statements-recommendations-cell-phoneswireless/)**[[4]](#endnote-5),** [**EMF Scientists Appeal to the United Nations**](https://www.saferemr.com/2019/07/international-scientist-appeal-on.html)**[[5]](#endnote-6) have gathered a huge support from hundreds of thousands of citizens worldwide.**
3. **There is no scientific consensus among countries in matters of RF Safety Guidelines. While UK, US, Canada and Australia follow the ICNIRP Guidelines (10,000,000 uW/m2), India and Israel have a tenth of it (1,000,0000 uW/m2) of this and China, Italy, Lithuania, Poland, Switzerland and Russia have a hundredth part of it (100,000 uW/m2)**
4. **There are groups of independent scientists that have put out (for more than a decade) guidelines that take into consideration the literature accumulated in this field, such as** [**BIOINITIATIVE GROUP**](http://www.bioinitiative.org)**[[6]](#endnote-7),** [**EUROPA EM**](https://www.degruyter.com/document/doi/10.1515/reveh-2016-0011/html?lang=en)**[[7]](#endnote-8),** [**Building Biology Institute**](https://iaacn.org/wp-content/uploads/2021/10/EMF-Sleep-Standards-by-the-Building-Biology-Institute.pdf)**[[8]](#endnote-9) and they point out to levels of safety for RF power density that are up to more than 10 million times lower than those recommended by ICNIRP (between 1 and 6 uW/m2) and down to 0.1 for electro-sensitive people. The Bioinitiative Group also adds up** [**charts**](https://bioinitiative.org/rf-color-charts/) **with studies on various damage corresponding to exposure to various levels of RF power density that we are currently exposed to from mobile phones, wifi or antennas. For pictures and videos referring to this issue, please look at the references and annexes in the attached document.**
5. **On the Internet, there are several open access databases of references to scientific studies presenting the harms induced by RF radiation (up to 300GHZ) that have now reached a number of more than 40,000 –** [**PowerWatch**](http://www.powerwatch.org.uk/) **(**[**1670 Peer-reviewed studies**](https://drive.google.com/file/d/19CbWmdGTnnW1iZ9pxlxq1ssAdYl3Eur3/view)**)[[9]](#endnote-10),** [**ORSAA**](https://www.orsaa.org/)**[[10]](#endnote-11),** [**Dr. Zory Glaser’s Archive**](https://www.orsaa.org/)**[[11]](#endnote-12). There is absolutely no reasonable justification for any state or medical authority to avoid considering this huge amount of accumulated knowledge on the RF dangers and choose instead to adhere unconditionally to the discredited reviews of a very small number of scientists pertaining to ICNIRP.**
6. **According to a great body of** [**accumulated science**](https://img1.wsimg.com/blobby/go/71801b8c-fda3-43cc-86e2-e2e50ff2f191/downloads/LARGEST_UNETHICAL_MEDICAL_EXPERIMENT_FINAL.pdf?ver=1714671928772)**[[12]](#endnote-13), the key impacts on human health of RF radiation relate to: cancer/ tumours, neurodegenerative disorders, reproduction/fertility problems, genotoxicity, cardiovascular problems, autoimmune conditions, sensory disorders, physical and mental discomfort, congenital abnormalities, hormonal problems and sleep disorders, chronic conditions. However, the real life effects of RF radiation are much enhanced due to multiplicity of sources of interfering waves and frequencies, as also due to the capacity of potentiating other toxic factors or aggravating existing medical conditions.**
7. **The children are much more impacted by RF radiation due to thinner bones and skulls and the higher amount of water in their bodies. The Government’s page** [**RadioWaves: Reducing Exposure from Mobile Phones**](https://www.gov.uk/government/publications/radio-waves-reducing-exposure/radio-waves-reducing-exposure-from-mobile-phones) **[[13]](#endnote-14) still refers to NRPB’s** [**ADVICE ON LIMITING EXPOSURE TO ELECTROMAGNETIC FIELDS (0-300 GHz)**](https://webarchive.nationalarchives.gov.uk/ukgwa/20140713082604/http:/www.hpa.org.uk/Publications/Radiation/NPRBArchive/DocumentsOfTheNRPB/Absd1502/)**[[14]](#endnote-15) which warns about greater protection needed for people with epilepsy or other medical conditions, foetuses, babies and young children; NHS, PHE and UK Health Officers have also put out some years ago warnings about children and RF radiation – now that this has been much increased and not only from mobile phones, this issue is however never mentioned in relationship with the pervasive small cell rollout and MIMO towers, nor in relationship with the installation of Wi-Fi in schools (possibly even the 60 GHz WiGig). Moreover, children in various places, such as Cumbernauld, North Lanarkshire are being experimented on in schools or Community Centres (Muirfield Centre, Cumbernauld) with 5G ‘immersive activities’ and parents’ permission is not requested.**
8. **The Telecom industry, or at least some of the companies involves, are very much aware of the harm that RF radiation can induce, especially at a DNA level, which involves cancer risk. The industry is also aware of the many important weaknesses of wireless technology – lack of security, unreliable signals, inherently slower than the wired connections.**
9. **In matter of** [**Legal Liability and financial Risks of 5G, wireless and cell Towers**](https://ehtrust.org/legal-liability-and-financial-risks-of-5g-wireless-and-cell-towers/)**[[15]](#endnote-16), the following can be stated: “Insurers rank wireless, cell tower and 5G RFR non-ionizing electromagnetic radiation as a “high” risk, comparing the issue to lead and asbestos. Most insurance plans have “electromagnetic field exclusions” and do not insure for long term RFR damages. Wireless RFR and non ionizing electromagnetic radiation are defined as a type of “pollution” by wireless companies themselves. US Mobile operators have been unable to get insurance to cover liabilities related to damages from long term RFR exposure. Wireless companies warn their shareholders of RFR risk but they do not warn the users of their products, nor do they warn the people exposed to emissions from their infrastructure.” Even if in the UK the 2 major cases against the 5G rollout have not been successful[[16]](#endnote-17), in the US, for example, we see more and more l**[**itigations against FCC and telecom that prevent the rollout of 5G in various locations**](https://ehtrust.org/?s=lawsuit)**[[17]](#endnote-18).**
10. **Resolutions halting or limiting the 5G small cells and MIMO Towers have been already enacted in various localities or regions in Italy, US, Switzerland, Canada, Chile, Lithuania, Bangladesh, France, Israel, Netherlands, Cyprus Australia, India etc**
11. **The impact of RF radiation on the environment is well documented, especially on smaller animals such as birds and insects (bees, particularly), but also on plants and microorganisms. The higher the frequency of EMF (such as in 5G/ MMW – millimeter waves) the more dire is the impact on small animals, leading to potential extinction. With the extinction of insects and especially pollinators, agriculture will become impossible and local or regional famine and starvation will unavoidably occur.**
12. **The high frequency 5G (delivered by the very dense small cells network) was deemed to penetrate only a very superficial layer of the skin. There are old and new studies however (and also therapeutic, controlled uses of such frequencies) that prove that all the systems of the body can be impacted. The 5G phased array technology that derives from military use involves focused, high frequency, high energy beams of RF radiation directed at the receiver (mobile phone, router, other small cell or tower) – every living being that moves in the focus of this beam will be unavoidably impacted. This impact of RF radiation is cumulative and more or less, irreversible. More than this, due to the short wave length, 5G needs a dense infrastructure of small cells (connected through high speed fiber optic) – but all these will not give only 5G, but also 4G which can penetrate buildings and, of course, bodies. The impact of these cumulated frequencies, especially from many sources, on the body has NEVER been studied, NOR can really be studied. Nevertheless it is surely greater than the separate impact of each of them.**
13. **Any acute condition (including contagious viral, fungal or bacterial diseases) affecting humans or animals may eventually turn into a potential severe epidemic under the potentiating effect of RF bombardment that is depressing the immune system, creating various electrical and chemical imbalances in the body and in case of high frequencies, turning the cells’ membranes more permeable etc. However no state or medical authorities is taking this essential toxic factor into account and therefore prevent it from damaging or destroying life.**
14. **The 5G deployment is not sustainable at all, proving to be a huge consumer of energy and resources and a major contributor to greenhouse gases emissions. There is also a danger of ELECTRIC, UNCONTROLLABLE FIRE associated to the countless higher 5G RF frequencies being absorbed by air molecules and rising the electricity levels in the atmosphere, the lithium based batteries associated used in the 5G deployment, the smart grid, electric vehicles and the new intelligent reflective surfaces used in building construction. We have seen such uncontrollable fires destroying many places and lives in the last years around the world and precaution should be a strong guiding principle in this matter also. (more references on these issues in the attached EMF document).**
15. **The fiber optic structure is able and meant to also support the future deployment of 6G Terahertz technology, which though never used in mass communication, are also deemed to be perfectly safe for the people in the environment. This is necessary for AI, robotics and the Internet of Things and obviously, can be very useful in surveillance and warfare. In the attached document, you can see that the danger Terahertz frequencies present to life at DNA and molecular level, due to the extremely short wavelengths, is EXISTENTIAL. In reality, nobody can guarantee that people can survive on a longer term even this 4G+5G high density, high frequency deployment, but 6G appears as clearly, one last step in the ultimate self-destruction of humanity.**

**In view of all the above and the attached document, I consider that you have a foremost moral and professional duty towards the people you are serving in your official and professional capacity to act within your authority so to promote the PRECAUTIONARY PRINCIPLE and the immediately suspension of all 4/5G implementation pending an independent enquiry, with the participation of independent scientists and local residents, in order to reach a decision regarding the balance between the safety and the benefits of these technologies.**

**In case of litigation, as you have been well informed in this matter, you will have to prove that you have done your best, at your level of authority, to protect the people you are meant to be serving from losing their health of their lives due to this reckless deployment of high frequency small cells and MIMO towers.**

**Please, listen to the voice of reason and conscience and chose to protect us, your family and yourself.**

**Yours sincerely**

**SIGNED**

**Name (print): . . . . . . . . . . . . . . . . . . . . .**

**Position/ On behalf of: . . . . . . . . . . . . .**

**Contact phone:…………………..**

**Contact email: ……………………………….**

**Date: . . . . . . . . . .**

**P.S.** You will find attached to this message, the document ‘**ON THE EXTREME DANGERS OF RF/ NON-IONISED RADIATION (4G, 5G & 6G) & THE DENSE NETWORK OF 5G SMALL CELLS/ MIMO TOWERS IN OUR COMMUNIITIES’** (downloadable **here**) and my **FREEDOM OF INFORMATION REQUEST** (downloadable **here**).

1. The document can also be downloaded here: <https://tinyurl.com/y2uec9zx> [↑](#endnote-ref-2)
2. National Health Service Act 2006, Health and Social Care Act 2012 [↑](#endnote-ref-3)
3. <https://www.5gspaceappeal.org/the-appeal> [↑](#endnote-ref-4)
4. <https://ehtrust.org/science/medical-doctors-consensus-statements-recommendations-cell-phoneswireless/> [↑](#endnote-ref-5)
5. <https://www.saferemr.com/2019/07/international-scientist-appeal-on.html> [↑](#endnote-ref-6)
6. <http://www.bioinitiative.org/> [↑](#endnote-ref-7)
7. <https://www.degruyter.com/document/doi/10.1515/reveh-2016-0011/html?lang=en> [↑](#endnote-ref-8)
8. <https://iaacn.org/wp-content/uploads/2021/10/EMF-Sleep-Standards-by-the-Building-Biology-Institute.pdf> [↑](#endnote-ref-9)
9. <https://drive.google.com/file/d/19CbWmdGTnnW1iZ9pxlxq1ssAdYl3Eur3/view> [↑](#endnote-ref-10)
10. <https://www.orsaa.org/> [↑](#endnote-ref-11)
11. <https://www.orsaa.org/> [↑](#endnote-ref-12)
12. <https://img1.wsimg.com/blobby/go/71801b8c-fda3-43cc-86e2-e2e50ff2f191/downloads/LARGEST_UNETHICAL_MEDICAL_EXPERIMENT_FINAL.pdf?ver=1714671928772> [↑](#endnote-ref-13)
13. <https://www.gov.uk/government/publications/radio-waves-reducing-exposure/radio-waves-reducing-exposure-from-mobile-phones> [↑](#endnote-ref-14)
14. https://webarchive.nationalarchives.gov.uk/ukgwa/20140713082604/http:/www.hpa.org.uk/Publications/Radiation/NPRBArchive/DocumentsOfTheNRPB/Absd1502/ [↑](#endnote-ref-15)
15. <https://ehtrust.org/legal-liability-and-financial-risks-of-5g-wireless-and-cell-towers/> [↑](#endnote-ref-16)
16. [UK High Court case against EMFs and 5G (2021)](https://www.crowdjustice.com/case/5g-judicial-review-2020/) – Jessica Learmond Criqui’s Case And [Action Against 5G Case – lead by foremost UK Human Rights lawyer Michael Mansfield QC](https://actionagainst5g.org/legal-case/) ([Judgment Received – May 2023](https://actionagainst5g.org/case-updates/judgment-received/)) [↑](#endnote-ref-17)
17. <https://ehtrust.org/?s=lawsuit> [↑](#endnote-ref-18)