Freedom of Information Request

**Re: the 4G/5G ROLLOUT IN …………………………………….. Council/ District/ Town**

Will you please communicate to **me/ us** the following information related to **the wireless networks existing or in development** in **…………….. Council/ District/ Town** (called in this document ‘**Area’**)

1. What is/**are the name/s of the Officer/s in charge of the 5G strategy and roll out for 5G and Smart Cities** for the Area and what are their relevant professional qualifications and experience.
2. What **insurance cover** is held by the providers of wireless infrastructure in the Area, for any potential damage, health harms or fire risks that may occur as a result of the functioning or malfunctioning of their equipments? Please name each of the providers of wireless (hardware and software) in the Area, address, their CEO/ Representative and their corresponding insurance covers.
3. What is the **4G and 5G technology in use** in the Area (towers, small cells, fiber optic networks etc)? Please provide a map with their names and position in the area and the technical specifications of each element, including the street furniture and Intelligent Reflective Surfaces they may be associated with. Please provide **the frequencies and power densities emitted at several distances from the elements in the covered area (at 100 m, 200 m, 300 m, 400 m, 500m),** so that the compliance with ICNIRP Guidelines could be assessed. Please provide the same for all Satellite 4G/5G emissions that will be enabled by certain elements of this wireless infrastructure to beam on the earth – this must include, frequencies, power densities and coverage areas.
4. Please provide a separate documentation on **small cells, Tower cells, wifi and any other wireless equipment that are on the ground of each public schools, nurseries and medical/ care buildings** in the Area. If the technical specifications have not been given in the previous requested documents, please provide them for these places (outdoors and indoors)
5. Please tell us if, **when and where children and teenagers from the Area have been exposed to 5G indoors, in public buildings,** in various tests or exercises and show us any proof for the parents’ agreements to this exposure.
6. Is there any **public/ state building in the Area where WiGig (60GHZ)** is functioning or is planned to function in the future?
7. Please tell us **who controls the 5G software installed by each of the providers**, in case it is different from them (name, address, CEO/ Representative or state representatives) and what measures are in place in matters of safety, so to prevent cyber hacking, data harvesting, use for hostile purposes by foreign entities, etc.
8. Please show us in written form what measures you have taken in your Area so to promote the Government’s directive to **discourage the use of mobile phones by children in schools**?
9. Please tell us where is **the 4G/5G planning for the Area published and in what conditions the residents can debate or oppose it**, especially in the case when pregnant women, babies, children and people with metal implants, epilepsy and the other conditions pointed out in the ICNIRP guidelines may eventually suffer more exposure than the smaller level (of a fifth of the general one) of power density, that is recommended by ICNIRP in such cases?
10. **Have the people with specific conditions and parents of unborn babies, babies or small children in the area been informed by their local authorities and the Telecom providers about the necessity and provision of increased protection to them** (in their homes, nurseries, medical facilities etc) according to the ICNIRP Guidelines that are officially followed by the UK Government? If yes, please tell us when and how and provide the documentation for it (messages, letters etc).
11. **Have the local hospitals/ health centre been advised about the wireless deployment in their area and the necessary caution they need to take in this matter** (as specified by **ICNIRP** and the **NRPB**’s Advice on Limiting Exposure to Electromagnetic Fields (0-300 GHz)– there are medical conditions and also medical procedures that may be impacted by RF)? If yes, please tell us when and how and provide the documentation for it (messages, letters etc).
12. Please provide a **map of the exclusion zones for the actual wireless infrastructure** meaning the places where, due to nearness from a Tower, MIMO or other RF emitter (installed outdoors or indoors, in public buildings) or due to cumulative RF interferences from multiple emitters, the ICNIRP levels may not be met –if any.
13. The 5G masts will consume a large amount of electrical power (about 2 to 4 times more than a 3/4G one). Earlier ones did not have cabinets but these are being built with at least three, this not to mention the immense number of small cells. Please tell us what **is the actual estimation of the energy consumption of all the Wireless Towers and Small cells and their related infrastructure** (average per month). Please tell us, **how much has being paid (by the tax payers) to the telecom companies for their deployed infrastructure in the area in the last 5 years.** (average per month)
14. Please tell us if **the deployment of 5G small cells and MIMO towers (macrocells) will duplicate or not the existing functional wireless infrastructure** and if yes, how can this be put in agreement with the local and governmental declared sustainability objectives? Also, please provide **proof of the requests you had from the public in the area, asking for ‘improved service’ in public buildings (indoors) or outdoors,** that justifies the expense of upgrading the existing infrastructure or building and maintaining a parallel one.
15. Considering that we had access to scientific literature in this area, please provide a summary of **scientific proof that the 4G/5G RF radiation in our Area will not damage the insects and pollinators** which are essential for the living ecosystems and particularly, for agriculture, thus constituting a major environmental hazard.
16. Considering that in real life, people (and the most sensible to RF among them noted above in the ICNIRP, NRPB reports) are not exposed to just one frequency and one source of RF, can you please justify **the long term safety of an exposure to a variety of different RF frequencies (4G and 5G) and from different sources simultaneously with scientific references**? To note that **ICNIRP, AGNIR, SCENIHR and NRPB** have not provided such information.
17. Please tell us if there are **fire risk assessments in place, as the law requires, attached to any deployed (electric) infrastructure for wireless, including local micro/smart grids** and if yes, please provide us with copies from the risk assessments for each type of structure.
18. What is the legal definition of ‘**planning grounds’** and how is this applying to the wireless infrastructure (including small cells)?
19. Please tell us if, when and how do you intend to make such essential information as we have requested here (for the sake of people’s health and safety) public and easily accessible by all the public in the Area?

I would be grateful if you could provide the following information by return which is requested under the provisions of the Aarhus Convention of which the UK is a signatory (which binds all public bodies) and the Environmental Information Regulations 2004 (EIR) on the location of mobile phone bases.

Thank you very much,

Name……………………………………….

Date …………………………………….