

# LEAFLET FOR UK 5G MASS ACTION

- The UK government and the utility companies are forcing the public to accept 5G technology. They claim that it will bring faster broadband, better connectivity and enable us to have the 'internet of things', driverless cars, etc. But what they are not telling us is the financial cost, the health risks and impact on our environment.
- So what is 5G and how does it compare to what we have been using?
- We are currently using 3&4th generation which uses between 1 and 4 GHZ, 5G will use between 4 and 100s of GHZ, with Millimetre waves.
- Bandwidths of 26-90 GHZ are to be utilised. So, where we had up to 4 billion electro magnetic waves hitting the body per second, we will have 26-90 billion. These waves are also shorter and pulsed and can penetrate the skin easier.
- Millimetre waves in the ultra high bands can affect our cells and cause higher levels of cancers, strokes, heart problems, all the life threatening diseases that we already suffer from.
- According to the Infrastructure Commission in the UK, small cell towers will need to be placed between 100 and 300 meters apart EVERYWHERE.
- This type of radiation is called non-thermal or non-ionising and government agencies have tried to deny that there is any danger despite the studies of medical and independent researchers.
- 5G technology is causing so much concern globally that 230 scientists and doctors demanded a moratorium on 5G from the European Commission who responded with denials and empty promises.
- There are NO research studies on the long term effects of this onslaught of millimetre wave radiation, and as with most technologies, the military had it first.
- Fact: 5G uses the same frequencies used for pain-inflicting crowd control weapons that form the foundation of the network that will tie together more than 50 billion devices as part of the internet of things.
- **The biggest concern is how these new wavelengths will affect: the skin, eyes, heart, immune system, cell growth rates, bacteria resistance, plant and food. Most at risk are young children, pregnant women and immune compromised adults.**
- **Most 5G studies are misleading because they do not pulse the waves.** This is important because research on microwaves already tells us how pulsed waves have more profound biological effects on our body compared to non-pulsed waves. Previous studies, for instance, show how pulse rates of the frequencies led to gene toxicity and DNA strand breaks.

The public should be fully informed about the potential health risks from electromagnetic energy, we need research on electromagnetic fields and health that is independent of industry, experts need to disclose financial relationships with industry when citing their opinions regarding health and safety aspects of EMF-emitting technologies, and long term Independent studies need to be in place BEFORE this technology is engaged.

The financial costs of having cell poles scattered around the country every few hundred metres has yet to be known as it is always the consumer who ultimately bares the brunt. Mobile and wireless experts such as Nick Hunn and William Webb state that this technology does NOT guarantee better connectivity, faster speeds or reliability and that the huge amounts of tax payers money being used to fund this would have been better spent upgrading the 4G network AND been far cheaper.

Do we want a massive surveillance grid connecting everything? Big Brother on Steroids!

Say NO to 5G; its health and financial costs far outweigh its benefits.

Please see [www.vigiliae.org](http://www.vigiliae.org) for further info or to get involved locally in your area.