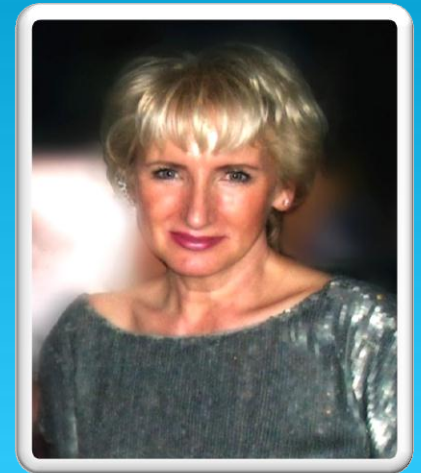




Eileen O'Connor

UK Radiation Research Trust

Charity Director



**WORKSHOP ON ELECTROMAGNETIC FIELDS AND HEALTH
EFFECTS: FROM SCIENCE TO POLICY AND PUBLIC
AWARENESS**

**Conciliating scientific findings and uncertainties in policy
making**

27-28 March 2014





The EM Radiation Research Trust Reg. Charity No: 1106304

<http://www.radiationresearch.org>

The Radiation Research Trust (RRT) are leading supporters of the precautionary approach to Electromagnetic Radiation.

The RRT gained charitable status in 2003 and is supported by MPs and MEPs from the UK political parties. We are also indebted to Independent Scientific, Public Health and Technical Advisors.



Photograph taken at Number 10 Downing Street, London





Why am I here?

I had suffered for years with sleep problems, headaches, dizzy spells and vertigo only to be told by my doctors that it was stress or a virus. I eventually developed breast cancer at the age of 38 and discovered that I was living in a cancer cluster.

We now understand that we are not alone, there are many other people living in cancer clusters around phone masts in the UK and throughout the world. I had been living 100m from a phone mast and I now realise the symptoms reported to my doctor are known as a condition called electro sensitivity.





Wishaw T-Mobile mast after 7 years by 2001 the story unfolds

- Five ladies developed breast cancer
- One case of prostate cancer
- One bladder cancer
- One lung cancer
- Three cases of pre-cancer cervical cells
- One motor neurone disease, age 51, who also had massive spinal tumour
- People developed benign lumps
- Electro sensitivity
- Three cases of severe skin rashes
- Many villagers suffering with sleep problems, headaches, dizziness and low immune system problems
- Horse with blood problems, under continuous vet treatment



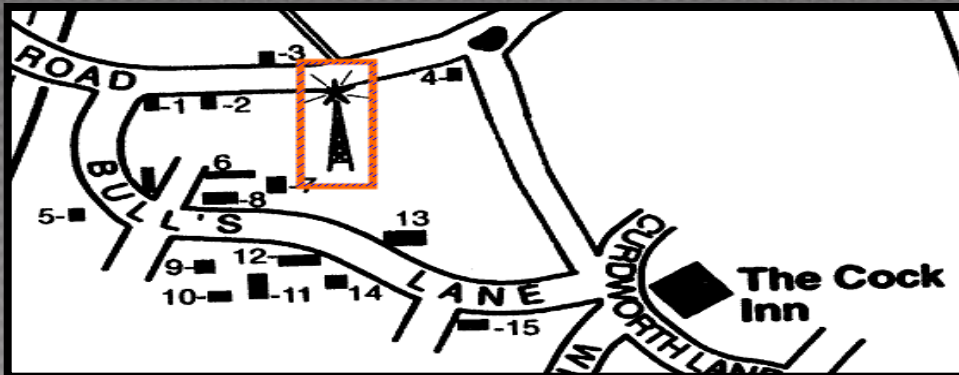


Removal of phone mast November, 2003

The T-Mobile Wishaw phone mast 1994-2003

- Many of the residents reported a restored feeling of well-being, improvement in sleep patterns and increased energy levels. Simple things like headaches and dizzy symptoms disappeared

Map of 18 houses in small village up to 500m surrounding the mast. It was calculated that 77% of residents suffered with symptoms associated with radiation from the mast.





The ECOLOG study T-Mobile Germany

2000 same year as Stewart Report

The ECOLOG review of over 220 peer reviewed and published papers found evidence for:

- Effects on central nervous system
- Cancer initiating and promoting effects
- Impairments of certain brain functions
- Loss of memory and cognitive function

•Ecolog called for an immediate downward regulation for the ICNIRP guidelines

This study, profound in its conclusions of harm, was not circulated and remained only available in German until discovered and translated by HESE UK many years later.

The ECOLOG Report was not made available to residents in Wishaw as we desperately sought truth in science amidst a cancer cluster, and T-Mobile quoted only from The Stewart Report.





Epidemiological Evidence for a Health Risk from Mobile Phone Base Stations

VINI G. KHURANA, LENNART HARDELL, JORIS EVERAERT, ALICJA BORTKIEWICZ, MICHAEL CARLBERG, MIKKO AHONEN published a paper after searching PubMed and identified a total of 10 epidemiological studies that assessed for health effects of mobile phone base stations. Seven of these studies explored the association between base station proximity and neurobehavioral effects and three investigated cancer

- Eight of the 10 studies reported increased prevalence of adverse neurobehavioral symptoms or cancer in populations living at distances 500 meters from base stations.





Swiss Re SONAR Emerging risk insights Report - June 2013

Unforeseen consequences of electromagnetic fields **Potential impact** rated as **HIGH** and likely to hit the casualty area of insurance business.

Concerns about potential implications for human health, in particular with regard to the use of mobile phones, power lines or antennas for broadcasting. Over the last decade, the spread of wireless devices has accelerated enormously. The convergence of mobile phones with computer technology has led to the proliferation of new and emerging technologies. This development has increased exposure to electromagnetic fields, the health impacts of which remain unknown.

Liability rates likely to rise in next 10 years!





Italian Supreme Court rules mobile phones can cause brain tumours

19 October 2012, Italian Supreme Court ruled that the plaintiff developed a neuroma brain tumour caused by his heavy mobile phone use, awarding disability pension compensation.

The Italian appeals court placed the most emphasis on Hardell's study published in 2009, which concluded that the use of mobile phones for more than 10 years lead to an increased risk of acoustic neuroma and glioma brain tumours. The Court favoured Hardell's study over the 2010 Interphone Studies, which had failed to find a similar correlation. The court considered the Swedish study more reliable and independent than the Interphone study which had been part funded by the mobile phone industry.





WHO Knew: The Elephant in the Room

Report by author and RRT advisor Susan Foster on 3/2/2014

Prof. Bernard Stewart, University of New South Wales and Christopher Wild, PhD, Director of the WHO's International Agency for Research on Cancer (IARC) announced to the world at the Royal Society, London that there are 14 million new cancer cases diagnosed per year and expected to almost double in the next two decades. Both doctors called for more commitment towards prevention.

We are on the verge of a cancer Tsunami and yet they failed to mention the

Elephant in the Room!





7 billion cell phones in use on the planet & \$2 trillion in annual revenues.

Elephant in the Room – report from Susan Foster

In spite of 2B classification and worldwide proliferation, IARC failed to call for prevention even though Hardell called for RF to be known as a Group 1 or “absolute carcinogen.”

IARC used Hardell's science for 1/2 of the science they reviewed in May 2011 for the 2B vote (nearly unanimous), and in spite of the fact the Hardell Group came out with stronger epidemiologist science -- 5 papers in 2013 -- this new science was apparently ignored for the *World Cancer Report 2014*. **IARC ignored their own work. WHY?.**

Hundreds of millions of lives are at stake, and as long as they are, the Elephant will remain in the Room.

Silence is not an option!





Scientists on trial.

Days after the mobile phone brain tumour ruling, the Italian trial court found six scientists and one government official guilty of manslaughter due to their failure to predict an earthquake.

All convicted for providing inexact, incomplete and contradictory information about the dangers preceding a devastating 2009 earthquake in Italy which killed 309 people. Effectively, the defendants are being punished for having failed to predict the earthquake.





WHO WILL BE HELD ACCOUNTABLE FOR DAMAGES ATTRIBUTABLE TO MOBILE PHONES & INFRASTRUCTURE?

Science for sale & science withheld?

Is the mobile industry, WHO, SCENIHR, ICNIRP and gov'ts manipulating science and withholding the truth from the public?

Cancers and neurological disorders -- including EHS are mounting.

Do we sadly need to wait for the body count to tell the truth and the long arm of justice to take action?



This paper was produced for a meeting organized by Health & Consumers DG and represents the views of its author on the subject. These views have not been adopted or in any way approved by the Commission and should not be relied upon as a statement of the Commission's or Health & Consumers DG's views. The European Commission does not guarantee the accuracy of the data included in this paper, nor does it accept responsibility for any use made thereof.