

The London Resolution

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At a scientific conference on 27th November 2007 entitled—“Are Present ICNIRP EMF Exposure Recommendations Adequate?”, hosted by Roger Coghill and Robert Verkerk, at the Royal Society, London, scientists endorsed the BioInitiative Report, extended the 2006 Benevento Resolution and resolved that:

“We, the undersigned, do call on the UK Health Protection Agency (HPA), UK Government and all the health protection agencies and governments world-wide, to take note of the findings and recommendations in the Bioinitiative Report (2007) [1] and its predecessors the Benevento Resolution (2006) [2], the Catania Resolution (2002) [3] and the Salzburg Resolution (2000) [4] to immediately reduce the guidelines for exposure to radiofrequency radiation (RF) and extremely low-frequency electromagnetic¹ fields (ELF-EMF) for the following reasons:

- The overwhelming evidence of adverse non-thermal health effects at exposures many times below the current guidelines.
- The near 100% penetration of the market in Europe, the USA and many other markets by mobile phones and increasing penetration elsewhere.
- The vast proliferation of wireless networks and devices beyond those envisaged at the time the current guidelines were set.

We call for the ICNIRP to reconvene as a matter of urgency to reassess the exposure guidelines and to develop and implement biologically based public safety limits reflecting the overall scientific evidence that existing ICNIRP guidelines are not sufficiently protective against health effects from chronic exposures to the rapidly increasing environmental-level ELF-EMF and RF.

Failing that:

- We call for the setting up of an independent body to define new biologically based public exposure limits and/or preventative actions, for ELF-EMF and RF, that address reported biological effects, which, with prolonged exposure, can reasonably be presumed to result in adverse health consequences.
- In the absence of such recommendations we suggest as an intermediate step that the HPA and UK Government immediately implement the ELF-EMF and RF recommendations of the BioInitiative Report 2007 and strive for the recommendations of the Public Health Department of the Government of Salzburg (2002) of 0.06 V/m for outdoor and 0.02 V/m for indoor RF exposure.

Based on the precautionary principle, children and vulnerable groups (such as people with epilepsy and heart conditions) should not be exposed to a risk of harm, thus we propose that

- Children under 16 should use mobile phones and cordless phones for emergency calls only.
- No Wi-fi, WiMax or other forms of wireless networking are placed in homes, schools or public areas or promoted for use thereof.
- That regular and frequent independent audits are undertaken of emissions to ensure that base stations (“masts”) do not exceed the new biologically based guidelines at any locality either singly or by accumulation. Such audits should be widely publicised and made available for public scrutiny.

The precautionary principle needs to be implemented.”
Signed:

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¹ Magnetic fields at 50–60 Hz.

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References

- [1] BioInitiative Report, <http://www.biointiative.org/report/docs/report.pdf>.
- [2] Benevento Resolution, *Electromagnetic Biology and Medicine*, 25, 2006, pp. 197–200, <http://www.icems.eu/docs/BeneventoResolution.pdf>.
- [3] Catania Resolution, http://www.plattform-mobilfunk-initiativen.at/englisch/CATANIA_eng.pdf.
- [4] Salzburg Resolution, http://www.salzburg.gv.at/salzburg_resolution_e.pdf.