



Risk communication activities in Europe

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

28 March 2014, Athens

Houston we've got a problem!

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Electro hypersensitive



Failure is not an option

Sissel, Fredrik & Anita Halmøy
with Apollo 13 Control Room
Chief Officer Gene Kranz

Athens, we've got a problem!



Seletun Resolution

[Rev Environ Health](#). 2010 Oct-Dec;25(4):307-17.

Scientific panel on electromagnetic field health risks: consensus points, recommendations, and rationales.

[Fragopoulou A](#)¹, [Grigoriev Y](#), [Johansson O](#), [Margaritis LH](#), [Morgan L](#), [Richter E](#), [Sage C](#).

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Abstract

- In November, 2009, a scientific panel met in Seletun, Norway, for three days of intensive discussion on existing scientific evidence and public health implications of the unprecedented global exposures to artificial electromagnetic fields (EMF). EMF exposures (static to 300 GHz) result from the use of electric power and from wireless telecommunications technologies for voice and data transmission, energy, security, military and radar use in weather and transportation. The Scientific Panel recognizes that the body of evidence on EMF requires a new approach to protection of public health; the growth and development of the fetus, and of children; and argues for strong preventative actions. **New, biologically-based public exposure standards are urgently needed to protect public health worldwide.**

PMID: 21268443

[PubMed - indexed for MEDLINE]

Sissel, you've got a problem!

- In 1985 hospitalised 14 days in emergency unit, total collapse with unknown condition
- Diagnosed with virus infection of the brain
- Returned to work after 3 months and suffered with acute headache within 5 minutes of entering my office
- We discovered the office was built over a transformer, “mystery solved”, it was not a virus infection of the brain, it was radiation sickness

Statement to SCENIHR from Levitt & Lai

The deficiency of the SCENIHR opinion document is that it fails to do a thorough review of recent literature on non-ionizing electromagnetic fields (EMF) and biological health effects. Only selected papers were evaluated using ambiguous criteria.

The following publications since 2007 were not considered by SCENIHR. **WHY not?**

- **Genetic effects:**

RFR: 114 papers (65% reported effects)

ELF EMF: 59 papers (83% reported effects)

- **Neurological effects:**

RFR: 211 papers (68% reported effects)

ELF EMF: 105 papers (90% reported effects)

- **Oxidative status:**

RFR: 106 papers (88% reported effects)

ELF EMF: 110 papers (88% reported effects)

Crime to humanity

Since the majority of the peer-reviewed literature reported effects, it is outrageous to ignore any effect of EMF exposure on human health and a crime to humanity not to recommend any action to curtail the exposure.

Levitt & Lai's Statement:

In summary, the SCENIHR document needs a major overhaul to make it credible. The current draft should not be taken seriously by any public health official as it is grossly incomplete.

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Lennart Hardell's statement

Based on the Hill criteria, glioma and acoustic neuroma should be considered to be caused by RF-EMF emissions from wireless phones and regarded as carcinogenic to humans, classifying it as group 1 according to the IARC classification.

Current guidelines for exposure need to be urgently revised.

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SCENIHR, this is a global problem

- EHS people are sounding alarm bells for future generations. Denial of the impact of EHS is not acceptable, it is a public health issue.
- People suffering with EHS demand respect, acceptance and above all need to be given the highest priority
- Putting public health at risk is a high price to pay for the convenience of wireless technology

We need to solve this problem!

- We do not need more science as we have enough proof of harm
- We need action, protection and wireless free zones until we can find a safer way forward
- There will always be reports that whitewash the issue as industry can outspend concerned scientists and citizens every time
- **This is when it becomes a true crime against humanity**

Follow the sheep or stand out from the crowd? The choice is yours.



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.