

**Correspondence between EU and an EU-member-state citizen,
via Europe Direct**

March 2019

Answer from EU, via Europe Direct, on the questions asked by an EU member-state citizen[1]

Europe Direct – ticket number: 101000430840

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07.03.2019 15:18

Thank you for contacting the Europe Direct Contact Centre and for sharing your views.

The European Commission agrees that there is a need for constant updates to scientific knowledge. It funds research through its Framework Programmes on health impacts of exposure to electromagnetic fields (EMF).

Since 2000, more than EUR 37 million have been spent on research on EMF. An example of a project looking at the potential health effects of EMF is GERONIMO. However, the Commission has not conducted studies on potential health risks of 5G technology.

In the context of 5G, the Commission is engaged in discussions with the Member States in the Communications Committee, who assists the Commission in carrying out its executive powers, to establish an overview of national approaches for the protection against non-ionizing radiation.

Current scientific evidence has not linked EMF below the limits recommended by Council Recommendation 1999/519/EC(3) with adverse health problems.

As 5G is expected to use smaller cells with lower power levels, the overall EMF exposure would be distributed more evenly and, therefore, is likely to even decrease in areas where 5G is deployed.

The European Commission's Scientific Committee on Health, Environmental and Emerging Risks (SCHEER) has a standing mandate to provide an independent update of the scientific evidence available, including the assessment of health risks that may be associated with exposure. The Committee has already produced five relevant opinions.

These opinions have not provided any scientific justification to revise the limits set by Council Recommendation 1999/519/EC on the exposure of the general public to electromagnetic fields. These limits are based on guidance issued by the International Commission on Non-Ionizing Radiation Protection (ICNIRP). The ICNIRP is currently reviewing its guidelines and presenting them for public consultation. The Commission is looking forward to the conclusions. The SCHEER may reassess the situation depending on the outcome of this review.

Under Article 168 of the Treaty on the Functioning of the European Union, the primary responsibility for protecting the public from potential harmful effects of electromagnetic fields remains with the Member States, including the choice of measures to be adopted based on age and health status.

The Commission also notes that the European Electronic Communications Code, recently agreed by the co-legislators, will require Member States to pursue consistency and predictability throughout the Union regarding the way the use of radio spectrum is authorised in protecting public health.

The summaries of scientific opinions related to exposure to electromagnetic fields from the SCHEER can be found at the following link:

http://ec.europa.eu/health/scientific_committees/opinions_layman/electromagnetic-fields2015/en/index.htm

We hope you find this information useful. Please contact us again if you have other questions about the European Union, its activities or institutions.

With kind regards,
EUROPE DIRECT Contact Centre
<http://europa.eu> - your shortcut to the EU!

EU leaders would like you to help them steer the right priorities for the years ahead. Take part in this consultation to express your concerns, hopes and expectations about the future of the EU:
https://ec.europa.eu/commission/consultation-future-europe_en

Disclaimer Please note that the information provided by EUROPE DIRECT is not legally binding.

[1] Message to EU, sent from their website, by an EU member-state citizen

Subject: 5G

Dear Madam, Sir,

Could you send me the link to information on your website about: 5G, electromagnetic fields, electromagnetic radiation, guidelines for electromagnetic radiation, independent research about these, also from 2018/2019, also for 4G, because what I find is a 4 year old file:
https://ec.europa.eu/health/sites/health/files/scientific_committees/emerging/docs/scenih_r_o_041.pdf

Between 2015 and 2019 there have been thousands more researches, and there are so many opposing the EU research-results about 4G, that it is time to sound the alarm. Evenmore because 5G is not to be found. Not on the website of WHO either. On that website the latest research results are from 2015-2016. Three years old. The guidelines WHO uses are from 1999. Twenty years old.

Because of EU's and W.H.O.'s outdated researches I urge you to hand over to the highest in function in the EU, and EC, because of the health hazards, related with 5G:

1. Research results by Martin L. Pall, PhD Professor Emeritus of Biochemistry and Basic Medical Sciences, Washington State University, USA, published in a PDF, to be found here:

<https://www.leefbewust.com/5g.pdf>,

2. The link to the International Appeal, signed by in the meantime total over 50.000 scientists, doctors, nurses, health practitioners, architects, etc. etc. and citizens from all over the world:

<https://www.5gspaceappeal.org/the-appeal/> with along list of sources to independent scientific medical research results.

3. The link to The Lancet, Planetary Health / Planetary electromagnetic pollution: it is time to assess its impact: <https://www.sciencedirect.com/science/article/pii/S2542519618302213>