

"OPEN" APPEAL FROM PROTECTION AND ENVIRONMENT ASSOCIATIONS

TO THE ITALIAN PRESIDENCY OF THE COUNCIL OF MINISTERS
TO THE MINISTRY FOR THE ENVIRONMENT
TO THE MINISTRY OF HEALTH
TO THE MINISTRY OF INFRASTRUCTURE
TO THE MINISTRY OF EDUCATION
TO THE MINISTRY OF ECONOMIC DEVELOPMENT

“More precautionary limits for electromagnetic fields”

We learned a few days ago that the Ministry for the Environment in April wrote a “draft” D.P.C.M. for the raising of the Electromagnetic Fields limit values and we are writing to ask you to withdraw it completely, because the current limits of the Italian law must be rather significantly lowered to protect public health and the environment.

The protection and preservation of human health as well as the environmental protection are constitutional values, as well as inalienable goods: our Italian Constitution sets the basic general criteria of environmental protection in the 2nd paragraph of the art. 9 and in the 1st paragraph of the art. 32:

- art. 9: "The Republic protects the landscape and the historical and artistic heritage of the Nation";
- art. 32: "The Republic protects health as a fundamental right of the individual and interest of the community".

In this regard, we are writing to you since, with respect to the opinion of the “Istituto Superiore di Sanità” (of 2001), from which derive the limits of the Prime Ministerial Decree 08/07/2003 on the radiofrequency fields published on the G.U. n. 99 dated 28/08/2003, scientific knowledge and evidences about health risks related to electromagnetic fields exposure has increased considerably (See attached list).

In particular, the recent studies of the National Toxicology Program and of the Ramazzini Institute, which show an increased risk both for head tumors and for schwannomas, the most dangerous of which is heart cancer. These results, based on animal experimentation on both sides of the Atlantic, together with the latest epidemiological studies on cellular users by the oncologist Lennart Hardell, lead the scientist to conclude that it is time to update the IARC classification. At the moment IARC classifies radiofrequency as "Possible Carcinogenic for Man", because at that time it was based only on epidemiological results and not by on in-vivo studies, which today suggest the classification "Probable carcinogenic" of Class 1A or, as suggested by Hardell, "Sure Carcinogenic" of Class 1.

The central problem is that the international safety standards promoted by the WHO, on the indication of a private association ICNIRP, refer to the so-called "thermal effects", ie the heating induced on the biological material by the exposure to radio frequencies, while there are thousands of scientific evidence on "non-thermal effects", which occur at exposure values significantly lower than the Italian ones. These non-thermal biological effects include, for example, the opening of the blood-brain barrier (with an increased risk of neurodegenerative diseases), infertility, neurobehavioral disorders, damage to the fetus, increased oxidative stress, increased damage to DNA, etc., without exclude those that are more serious of oncology nature. The current limits of Italian law, therefore, are not sufficient to protect public health.

Moreover the American Food and Drug Administration (FDA) recognizes the non-thermal effects of radiofrequency exposure (in the approval of the "Optune" medical device).

Already in February 2015 over a hundred Italian scientists (doctors, physicists, biologists and researchers), together with other 50 Italian associations and committees, asked the government to significantly lower the legal limits for electromagnetic emissions.

According to these findings, the field limit values should be drastically reduced (certainly not increased): a first simple step that the Government can take in this direction is to immediately delete Article 14 of the Development Decree "Further urgent measures for the country's growth" (DL n ° 179 of 18/10/2012 published in the GU n ° of 19/10/2012), which imposes a measurement of the electromagnetic fields on an average of 24 hours (arbitrary value), rather than 6 minutes (value based on biological reasons).

To fully protect public health, it is essential to implement what was indicated in Recommendation 1815 of the 2011 Council of Europe Plenary Assembly, aimed at **lowering the legal limits to 0.6 V/m** in the immediate future and 0.2 V / m on the long term.

Linked to the feared increase in legal limits is the startup of the 5G technology, which should be subject to assessments of preventive health and environmental impact with analysis of public economic and social costs deriving from possible biological impacts. It is necessary to establish whether the development of this technology is compatible with the constitutional provisions as a possible "unproven innocence" of the 5G, should, like the cannabis light, be the motivation for the Health Council to "recommend that they activated, in the interest of individual and public health and in application of the precautionary principle "appropriate measures for cannabis light this was stated by the CSS in an opinion requested in February by the Ministry of Health on" products containing or consisting of hemp inflorescences »:" The hazard can not be ruled out even at low concentrations in some subjects."

We believe that these motivations can be generalized and perfectly extensible even in the case of electromagnetic fields for the reasons explained below.

In this regard, therefore, **it is essential to block any experimentation of 5G as requested by more than 170 independent scientists** in the appeal of a few months ago: in fact, before predicting the commercial use of the frequencies used by the 5G it is necessary to wait for INDEPENDENT studies (i.e. not financed by industry, not even through masking systems) on biological effects (studies on animals, plants, biomolecular studies and mechanisms of action), deriving from this exposure, thus activating, "in the interest of individual and public health and in application of the precautionary principle "adequate measures, in order to" exclude the danger of specific technology even at low concentrations in some subjects ".

FOR ALL THESE REASONS, THE FOLLOWING COMMITTEES AND ASSOCIATIONS

- Comitato di Tutela e Salvaguardia dell' Ambiente in Monte Porzio Catone-ONLUS
- A.M.I.C.A. - Associazione per le Malattie da Intossicazione Cronica e/o Ambientale
- Comitato "Stop Antenna" di Velletri
- Progetto PRAEET
- Comitato di Tutela Ambiente in Rocca di Papa
- Associazione Italiana ElettroSensibili
- Centro Consumatori Utenti di Bolzano
- Ass. Italia Nostra - sez. Castelli Romani
- Associazione di via P. Sottocorno
- Associazione GAIA ALMA MATER

ASK TO THE COMPETENT MINISTRIES FOR A HEARING IN ORDER TO PRESENT OUR ISTANCES IN A MORE APPROPRIATE AND, IN ADDITION,

- 1) to immediately remove any draft decree aimed at adjusting the current Italian legal limits to the European recommendations and to delete the Art. 14 of the DL n. 179 of 18/10/2012 published on the G.U. No. of 19/10/2012;
- 2) to incorporate the most recent scientific studies (many of which are produced by Italian scientists) to lower the limits of exposure to radiofrequency for the Italian population according to the Recommendation of the Plenary Assembly of the Council of Europe No. 1815 of 2011 to 0,6 V / m immediately;
- 3) to suspend any form of technological experimentation of 5G in Italian cities pending the production of sufficient scientific evidence to judge its safety and pending the strictly precautionary modification of the current Italian limits for electromagnetic fields.

Yours sincerely,
Associations and Environmental Committees

DATE
28/06/2018

List of Attachments of the most recent Publications on the topic:

- [1] IARC classification of radiofrequency as "Possible Carcinogenicity for Man".
- [2] Email exchange on the inclusion of Wi-Fi in the IARC classification.
- [3] Hardell's study in the scientific journal Pathophysiology 2014.
- [4] Report of the Hardell meeting with the WHO leaders published in the International Journal of Oncology (2017).
- [5] Scientists' appeal for 5G ban to the European Commission on September 13th, 2017.
- [6] 1815 Resolution of the Council of Europe Plenary Assembly of May 2011.
- [7] Martin J. Pall, study on Wi-Fi 2017.
- [8] Martin j. Pall, study on the 5G of 2018.
- [9] Appeal of ISDE Doctors for the Environment of 2018.
- [10] Paris appeal of 2015
- [11] Falcioni, L., Belpoggi et al, Environmental Research (2018),