

Open Letter of the Experts on EMF pollution: “The Italian Development Decree makes the radiofrequency radiation rise up”

Rome 20th October 2012

The Development Decree which is going to be launched by the Italian government will impose to evaluate the electromagnetic fields limits in the home by measuring them in a 24 hours-period, instead of 6 minutes as it is today. This measurement system will lead to an underestimation of the peak values even if apparently maintaining the limit of 6 volts per meter because the peaks detected in 6 minutes today will be diluted in 24 hours.

This method of measurement within 24 hours will allow the diurnal peaks to be tolerated because in the daytime the number of mobile active users is higher so it will be possible to reach 18-20 volts per meter in a house, that is up to three times higher than the current limit (6 V/m). These limits will likely cause an exponential growth of the exposure electromagnetic related diseases and to a consequent increase in health and social costs.

Given:

- the IARC classification of the radiofrequency radiation as possible carcinogenic of Class 2B on the basis of studies about mobile phones induced cancer (May 2011);
- the Italian Framework Law on electrosmog 36/2001 that plans to adopt the precautionary measures in application of the precautionary principle referred to in Article 174, paragraph 2, of the European Union Treaty establishing;
- the Resolution of the Council of Europe on 27 May 2011 that calls on member states to set "precautionary limits for exposure to microwave for long-term and in all indoor environments, in accordance with the Precautionary Principle, which do not exceed the 0.6 volts/meter and in the medium term to reduce this value to 0.2 V/m";
- the Resolution of the European Parliament on 4th September 2008 entitled "Interim Evaluation of the European Action Plan for the Environment and Health Action Plan 2004-2010" that reports the increased cases of EHS and recommends to "reduce exposure to electromagnetic radiation";
- the numerous resolutions of independent scientists such as the International Commission for Electromagnetic Safety (ICEMS) and the Group BioInitiative – quoted respectively by the Council of Europe and by the European Parliament as independent scientific references – that promotes the lowering of the safety limits up to 0.6 / Vm since the current standards are not based on biological evidence;

the undersigned DOCTORS, BIOLOGISTS, PHYSICISTS, ENGINEERS, MATHEMATICIANS, NATURALISTS, SOCIOLOGISTS, ARCHITECTS, JOURNALISTS AND LAWYERS asks that the article on the Development Decree regarding EMF measurements is removed because it effectively cancels the precautionary principle recommended by the European Union and the framework Law on electrosmog 36/2001, laxing the actual environmental protections in use in Italy.

We also ask that the Development Decree promotes the creation and the deployment of fiber-optic cable network that currently represent the only technology for the transmission of voice and data efficient and at the same time without contraindications for health of the Human and of the other living creatures.

Signatories (in order of arrival)

Fiorenzo Marinelli, biologist, researcher IGM-CNR of Bologna (Steering Committee ICEMS)

Livio Giuliani, director of research, Rome (portavoce ICEMS)
Angelo Gino Levis, former professor of Environmental Mutagenesis, Padova (APPLE e ISDE)
Francesca Romana Orlando, journalist, Rome (AMICA)
Maria Gabriella Cividino, MD, Rome
Prof. Giovanni Tringali, director of the Institute for Medical Research and Environmental Acireale, Catania
Angelo Baracca, fisico, Professore della Facoltà di Scienze M.F.N., Università di Firenze
Ernesto Burgio – Pediatrician, President of ISDE Scientific Committee (International Society of Doctors for Environment)
Massimo Scalia, Professor of Mathematical Physics, Sapienza University of Rome
Alvaro Augusto A. de Salles , Ph. D. (University of London) Professor, Electrical Eng. Dept. Federal University of Rio Grande do Sul – UFRGS, Porto Alegre, RS, Brazil
Pablo Castellani, radio journalist
Walther Andreus, Centro Tutela Consumatori di Bolzano
Francesco Imbesi, Centro Tutela Consumatori di Bolzano
Mauro Cristaldi, Professor at the Department of Animal and Human Biology, Sapienza University of Rome
Vincenzo Annino, engineer, former Director of Ansaldo
Umberto Sacerdote, General Director of the National Institute of Astrophysics
Marco Nieri, researcher, Dozza (BO)
Silvio Morett, biologist, nutritionist, RSPP, Rome