



STOP IRRADIATION

Mobile Telephone = bi-band GSM frequencies 900 MHz and 1800 MHz.

Mobile Videophone = **PMT** = Personal **M**obile **T**elevision = **3G**, **3.5G**, **4G**, etc. = **LTE**

LTE = Long Term Evolution = long-term increase in pollution of the environment with artificial microwave radiation = long-term weakening of the metabolism of the general public, with particular damage to the young.

Consequently: You don't have to be a scientist or a doctor to understand what is happening to our 'health'.

Next news: while **3G+** radiation is increasing with the permission granted to Orange to experiment with new wavelengths of artificial microwave radiation (in the 2.54-2.7 GHz range), paradoxically China has just made a drastic cut in levels of **3G+** radiation, reducing it from 1000 $\mu\text{W}/\text{cm}^2$ (= 61 V/m, the same as in France) to 40 $\mu\text{W}/\text{cm}^2$.



18 08 2009

Brussels is investing in research on more rapid mobile phone networks

AFP BRUSSELS - The European Commission intends to invest in research on the new 4th-generation mobile telephony (Long Term Evolution, LTE), which should be on the market from next year in some EU countries.

Last Tuesday the Commission issued a communiqué announcing a new investment of 18 million euros to develop this technology, which will in particular provide Internet access from a mobile that will be 10 times faster than that presently available via the 3rd-generation UMTS.

Brussels is talking about 100 megabits per second, a rate that would make it more convenient for instance to access TV or videos on demand from a mobile phone.

The Commission plans to start in September negotiating this funding with various research consortiums, with a view to starting the work in January.



Fans of the mobile phone

Between 2004 and 2007, Brussels awarded 25 million euros for research on LTE, which is currently being tested by several phone companies in Finland, Germany, Great Britain, Norway and Sweden.

In these last two countries LTE should be available in the first 3 months of 2010. In France, Orange (France Telecom) plans to launch the service in 2011 or 2012, according to the Commission.

"LTE technology will transform mobile phones into powerful mobile computers. Millions of new users will be able to enjoy high-speed Internet access from their mobiles, wherever they are," commented the commissioner in charge of new technologies, Viviane Reding.

The LTE networks will also require fewer antennas than does the 2nd-generation GSM, which is at present the most widespread, and could reduce the split between urban and rural areas by providing high-speed Internet access in less populated places.

(Editor's note: this will require installing new relay antennas which, even if they are fewer than the present GSM antennas (there are currently 80,000 sites providing about 400,000 antennas in France) will add enormously to this number, with the consequent increase in artificial microwave radiation in the environment.)

Worldwide, telecom companies are planning to invest some 6 billion euros in the LTE system between now and 2013, according to analysts cited by Brussels.