

Question for written answer E-000592/2020
to the Commission
Rule 138
Elena Lizzi (ID)

Subject: Implementation of 5G and its effect and impact on European citizens' health

According to the World Health Organisation, electromagnetic fields (EMF) represent one of the most rapidly increasing pollutants in the environment. All populations are exposed to varying degrees of EMF, the intensity of which will continue to grow with current technological developments. Numerous scientific researchers have demonstrated the ability of EMFs to induce biological modifications in living cells and organisms, including human beings. Despite this, about 4 million residents have already been exposed in Italy to what is termed '5G experimentation' with densities and frequencies so far unexplored on such a large scale. Furthermore, this experimentation was not preceded by adequate information and consent procedures relating to environmental and health risks. In addition, telecommunications companies, with local government support, will implement the 5G network and aim to achieve 5G coverage of at least 80 % of the national population (99.4 % by June 2023). According to AGCOM Italy, in order to achieve these goals, the 5G network infrastructure will be operational with a density of around one million connected devices per km².

1. What kind of procedure and analysis is the Commission willing to carry out in order to control and safeguard citizens' health?
2. Will it consider that the implementation could affect pregnant women, infant and weaker people in different and severe ways?