



October 26, 2020

Ms. Margrethe Vestager
Executive Vice-President European Commission

Ms. Věra Jourová Vice-President for Values and Transparency
European Commission

Mr. Thierry Breton
Commissioner for Internal Market European Commission

JOINT RESPONSE TO THE LETTER SENT FROM 15 MEMBER STATES ALERTING
THE EUROPEAN COMMISSION TO THE GROWING UNREST IN THEIR COUNTRIES RELATED
TO 5G AND CALLING FOR COMMUNICATION STRATEGIES THAT PROVIDE “RELIABLE
INFORMATION” ON ELECTROMAGNETIC RADIATION.

Subject: Regarding the need for unbiased communication strategies based on independent science and full public consultation about how best to integrate technology into our lives, so as to maximize the benefits and minimize the harms.

Dear Mesdames Vice-Presidents:
Dear Commissioner:

We understand you have received a letter from the technology ministers of fifteen countries within the European Union, alerting you to "increasing activity in the anti-5G movement" across the EU and warning that such activities could hinder the EU's efforts to meet its "ambitious 5G goals."

We share many of the concerns of the authors of the letter, and in particular, we strongly condemn and disavow any activities that endanger public safety or destroy property.[1] We agree with the authors regarding the dangerous and unhelpful spread of disinformation. And like the authors, we support an open dialogue and the public's right to know all of the risks and benefits of new technologies.

The technology ministers cite a need for continued scientific research on “risks related to human health.” But they go on to suggest that such research be directed at "creating trust

among citizens regarding the actions towards continuous development of the mobile networks."

That is not how science works, and we urge you to reject any such fraudulent demand.

We believe a better way to develop public trust would be to remove all industry infiltration and bias from standard setting bodies, health agencies and other government policy groups [2]. And, to further gain public trust – be it through the suggested debate, a commission on technology, scientific investigation or other – there would be an understanding there is ***no preconceived agenda or desired result***, such as the one suggested in the letter.

Science is slow and deliberate, and often inconvenient and even irritating to those engaged in commercial exploitation of new products or technologies. Cigarette manufacturers were not pleased when academic institutions proved that smoking caused lung cancer. The lead industry was displeased when research showed that exposure to lead impaired brain development [3].

Similarly, the wireless industry is deeply and rightfully concerned that emerging science continues to demonstrate the ability of non-ionizing radiofrequency microwave radiation to cause biological harm, including increased risks of cancer and changes in DNA. This is especially troubling as telecoms are generally unable to secure liability insurance against claims of personal injury from exposure to radiofrequency radiation. This forces the public into an indirect subsidy of the wireless industry, without the public's knowledge or consent.

Concerns about health are not the only issues raised by the widespread deployment of close proximity 5G networks and attendant infrastructure. This new technology presents a plethora of other serious and multifaceted issues relating to the environment, psychosocial impacts, privacy, and human rights. These include our fast-growing e-footprint from the mega-consumption of energy, and from e-waste due to the manufacture and disposal of ever more (largely unnecessary) internet connected “things” and devices.

Many organizations and individuals are concerned about national security issues, pervasive and largely imperceptible privacy violations, potentially devastating cyber-attacks, impacts on wildlife from the disruption to the navigation and orientation of birds, bees, and other insects, and many other species that rely on natural radiation levels, stars and magnetic fields.

The unfettered deployment of new 5G satellites in outer space raises another whole range of issues. Impacts from satellite-based antennas include interference with meteorological prediction and astronomical research [4], the endangerment of global security, loss of enjoyment of the night skies, potential space collisions, dangers posed to our satellite-

infested skies from probable solar flares, radiofrequency microwave radiation emissions, potential depletion of the ozone layer due to the massively increased number of rocket launches to establish and maintain satellite constellations, and the as yet unstudied effects on the electrical circuit around our planet that sustains all life.

It seems to many of us that the EU's responsibility, rather than promoting a single questionable technology, should be to promote the safest ways for people to access the internet. Wired internet access is faster, more reliable and secure, and comes with none of the potential problems that accompany wireless technologies. New frontier research offers exciting new possibilities for high-speed electronic communications that may obviate the "need" for 5G.

We will not succeed in building a future we can live with upon a foundation of increasing public discontent; unsubstantiated assurances of 5G safety; shared, echoed and amplified 5G propaganda; a marginalized, censored and/or silenced public; privacy violations, cyber security threats; environmental damage; human rights abuses; and direct and indirect public subsidies of the wireless industry without knowledge or consent. We must heed the warnings of scientists [5,6,7] and other experts [8] calling for less wireless technology, and for a move toward safer fiber or wired connections.

We are genuinely grateful to these fifteen technology ministers for alerting the EU to the problems we are facing with 5G deployment. We would be happy to participate in and contribute to an open and honest dialogue with the EU Commission. We look forward to seeing how you will address these urgent issues to help us envision and ensure a safer course into the future.

Most Respectfully Yours,

Stop 5G International

and

Alphabetized List of Organizations that Endorse This Letter:

Americans For Responsible Technology

Asociación BONA ONA (Spain)

Asociación Vallisoletana de Afectados por las Antenas de Telecomunicaciones AVAATE (Spain)

Association Citoyenne Environnementale (France)

Association Pour la Reconnaissance de l'ElectroHyperSensibilité, AREHS (Belgium)

Association Résistance 5G Nantes (France)

Association Robin Des Toits – (France)

Canadian initiative to stop Wireless Electric and Electromagnetic Pollution (WEEP)
Canadians for Safe Technology
Children's Health Defense (USA)
Citizen Association for the Environment (CAE) (France)
Citizens for Tomorrow (India)
Civilek az 5G mentes Magyarországér (Hungary)
Collectif Stop5G.be (Belgium).
Danish EHS Association
EMF Cyprus
Ecologistas en Acción (Spain)
Electro y Químico Sensibles por el Derecho a la Salud Association (Spain)
Electro y Químico Sensibles por el Derecho a la Salud (Spain)
Electronic Pollution Illnesses (Canada)
Electrosmog Info (Slovakia)
Environmental Health Trust (USA)
Europeans Citizens Initiative Attention 5G
Grupo de Trabajo Sobre Digitalización, Informatización, TIC, CEM y 5G de ECOLOGISTAS EN ACCIÓN (Spain)
Healthy Heavens Trust Initiative (USA)
International EMF Alliance
MTÜ Kogukonna Hüvanguks (Estonia)
Menorca lliure 5g
Moms Across America
Mothers Across the World
Movimento para a Prevenção da Poluição Electromagnética (Portugal)
Oplysningsforbundet May Day (Denmark)
PECCEM (Plataforma Estatal Contra la Contaminación Elelectromagnética) (Spain)
Rådet for Helbredssikker Telekommunikation (Denmark)
Radiation Research Trust (UK)
Slovensko Bez 5g (Slovakia)
Stop 5G Almeria
Stop 5G International
StopUMTSMTS.nl (Netherlands)
Stop 5G Segovia
Stop 5G Stroud
Strålskyddsstiftelsen - Swedish Radiation Protection Foundation
Teslabel (Belgium)

References

[1] **Burning 5G Towers Across Europe is Harming Health, Wildlife and the Climate.** Dr. Devra Davis. An Op-Ed in International Business Times argues against the destruction of 5G infrastructure.

<https://www.ibtimes.com/burning-5g-towers-across-europe-harming-health-wildlife-climate-2961326>

[2]: **The International Commission on Non-Ionizing Radiation Protection: Conflicts of interest, corporate capture and the push for 5G.** Klaus Buchner and Michèle Rivasi. Documents Conflict of Interests in the ICNIRP and corporate capture.

<https://ehtrust.org/wp-content/uploads/ICNIRP-report-FINAL-JUNE-2020.pdf>

[3]: **Late lessons from early warnings: science, precaution, innovation,** EEA Report, No 1/2013.

“European Environment Agency (EEA) in collaboration with a broad range of external authors and peer reviewers. The case studies across both volumes of Late lessons from early warnings cover a diverse range of chemical and technological innovations, and highlight a number of systemic problems.”

<https://www.eea.europa.eu/publications/late-lessons-2>

[4]: **Appeal by Astronomers.** Safeguarding the astronomical sky. This is an international appeal by professional astronomers to ask for an intervention from institutions and governments. 2019 Signatures as of Oct. 21, 2020. <https://astronomersappeal.wordpress.com/>

[5]: **5G Appeal EU.** Scientists and doctors call for a moratorium on the roll-out of 5G.

“5G will substantially increase exposure to radiofrequency electromagnetic fields RF-EMF, that has been proven to be harmful for humans and the environment.”

Signatories by Scientists and doctors October 19, 2020: **407**

<https://www.5gappeal.eu/>

[6]: **EMF Scientist Appeal.** “The International EMF Scientist Appeal serves as a credible and influential voice from EMF (electromagnetic field) scientists who are urgently calling upon the United Nations and its sub-organizations, the WHO and UNEP, and all U.N. Member States, for greater health protection on EMF exposure.”

All signatories are EMF scientists with published peer-reviewed papers in science journals on the biological and health effects of non-ionizing radiation or in a related field and have contributed in a sustained manner to increased understanding about EMF science and the need for more protective policies.

As of April 30, 2020, **253 EMF scientists from 44 nations have signed the Appeal.**

<https://www.emfscientist.org/>

[7]: **5G Space Appeal:** International Appeal to Stop 5G on Earth and in Space

An Emergency Appeal to the World’s Governments by Scientists, Doctors, Environmental Organizations and Others.

There are **300,817 signatories from 214 nations and territories as of October 22nd, 2020**

<https://www.5gspaceappeal.org/>

[8]: **ILAN 5G International Legal Action Network:**

5G ILAN brings lawyers and experts together. We are a professional network of lawyers and relevant experts, dedicated to redirecting the 5G Juggernaut toward balance and wisdom.

<https://www.5g-ilan.com/>