

Message 1

Message Key: 0003144CC54CE344821C85669254FD12E707732D
From: [REDACTED]
To: Richard Renouf <R.Renouf@gov.je>
Subject: RE: Lunchtime briefing
Date: Friday, June 22, 2018 16:04 UTC



All done.

From: Richard Renouf
Sent: 21 June 2018 19:12
To: [REDACTED]
Subject: FW: Lunchtime briefing

[REDACTED]

Please accept the invitation for me

Thanks

Richard

From: [REDACTED]
Sent: 21 June 2018 16:18
To: Richard Renouf <R.Renouf@gov.je<mailto:R.Renouf@gov.je>>
Subject: Lunchtime briefing

Dear Deputy Renouf

Congratulations on your election to serve as a States member. I look forward to discussing how the Competition Authority can support you as States members in addressing the priorities and ambitions for Jersey.

The States has given CICRA a role to play in Jersey's success. As an independent body, set up by the States of Jersey, it is one of the bodies with a responsibility for oversight of certain sectors of the economy, namely telecoms, ports and postal sectors. The success or otherwise of these key sectors will have a profound impact on Jersey as a place to live, work, and do business. We are also responsible for competition law, creating an environment in which fair dealing businesses flourish. We have been described as an organisation that makes business fair, competitive and ethical for the protection and benefit of consumers.

Together with my senior team, I am keen to meet with you as States members as soon as possible to understand, first hand, the issues that were raised with members during the election, to explain CICRA's involvement in a few key areas such as 5G and mergers and how we work with key stakeholders, including politicians, civil servants and business.

Please find attached an invitation to attend a lunchtime briefing given by the Channel Islands Competition and Regulatory Authorities (CICRA).

I look forward to meeting with you.

Best regards

[REDACTED]

Channel Islands Competition and Regulatory Authorities
2nd Floor, Salisbury House
1 - 9 Union Street
St Helier
Jersey JE2 3RF



The Chairman of the
Channel Islands Competition and Regulatory Authorities
cordially invites you to join him at a lunchtime briefing in
the States Assembly Room

on
Wednesday 11 July 2018 at 12.45pm

Please RSVP [redacted] by 4 July 2018

A sandwich lunch will be provided

Message 2

Message Key: 00031453E7FFD4BC6E2ED9274BC3BC1D4C4627B6
From: Richard Renouf <R.Renouf@gov.je>
To: [REDACTED]
Addressed To: [REDACTED]
Subject: FW: 5G proposed rollout
Date: Thursday, November 22, 2018 22:45 UTC



Please acknowledge and pass on . Environmental Health?

Deputy Richard Renouf
Minister for Health and Community Services
Peter Crill House | General Hospital | St Helier | Jersey | JE1 3QS
tel: [REDACTED] | email: r. renouf@gov.je<mailto:r.%20renouf@gov.je>

From: [REDACTED]
Sent: 13 November 2018 20:33
To: Richard Renouf <R.Renouf@gov.je>
Subject: 5G proposed rollout

Dear Mr Renouf,

I write to relay my extreme concern on the proposed roll out of 5G, fifth generation telecommunication networks, in Jersey and the support that the States of Jersey and CICRA has provided to telecommunication companies to expedite the deployment of this technology.

There has been no Governmental or CICRA review of the environmental and human health impacts of moving forward with 5G as far as I am aware.

The States of Jersey do not appear to have implemented any specific rules for 5G deployment without first studying the safety of 5G for humans and the environment and this new 5G technology will impact us all in a very serious way. If 5G is built, radiation levels will increase 10- to 100-fold, virtually overnight.

These high frequency wavelengths penetrate only the outer layer of the skin, unlike 2G, 3G and 4G technology which passes through the body. Major health concerns with exposure to 5G are to skin, eye and adverse systemic metabolic signaling through skin sensors, as well as heat effects. There are also significant concerns regarding damage to the environment, with harm to insects and bacteria.

There is consensus within the scientific community that the existing limits for wireless radiation do not protect the population from biological effects.

244 EMF (electromagnetic field) Scientists from 41 nations around the globe are urgently calling upon the United Nations and its sub organisations, the WHO and UNEP and all Member States for greater health protection on EMF Exposure:(<https://www.emfscientist.org><<https://www.emfscientist.org/>>).

In addition, in April this year the International Society of Doctors for the Environment (ISDE) adopted a declaration calling for a moratorium on the deployment of 5G in the European Union. They state in the declaration that, 'We believe it should be unethical to ignore the available evidence waiting a possible "a posteriori" demonstration of health damages in the presence of a present and potentially manageable risk for public health'.

<https://www.saferemr.com/2017/09/5G-moratorium12.html>

Furthermore scientists and doctors worldwide are calling for a halt to the 5G rollout. Last year over 180 scientists and doctors issued a declaration

to officials of the European Commission demanding a moratorium on the increase cell antennas for planned 5G expansion and concerns over health effects from high radiation exposure include potential neurological impacts, infertility and cancer.

<https://ehtrust.org/small-cells-mini-cell-towers-health-letters-scientists-health-risk-5g/>

There is now overwhelming scientific evidence of the dangers and detrimental effects regarding non ionizing radiation, the literature on Radio Frequency Radiation (RFR) in the very high frequency bands required for 5G document DNA breakages, serious cellular resonance effects, and other serious detrimental metabolic effects,

<http://www.bioinitiative.org/conclusions/>

Peer reviewed, published science indicates that exposures to wireless radiation can increase cancer risk and alter brain development and damage sperm. Most people are unaware that wireless technology was never tested for long-term safety, that children are more vulnerable and that the accumulated scientific evidence shows harm.

A letter from oncologist Lennart Hardell MD & Colleagues stated that "There is a substantial body of evidence that this technology is harmful to humans and the environment. The 5G millimeter wave is known to heat the eyes, skin and testes... Of particular concern are the most vulnerable among us — the unborn, children, the infirm, the elderly and the disabled. It is also expected that populations of bees and birds will drastically decline."

His letter and other letters from Scientists can be found here:

<https://ehtrust.org/small-cells-mini-cell-towers-health-letters-scientists-health-risk-5g/>

5G will add in another layer of wireless radiation to our environment. 5G will not only utilize wireless frequencies already in use but also add in higher frequencies — submillimeter and millimeter waves in order to transmit data at superfast speeds.

Communities are being stripped of their right to make decisions about this new technology, we have not been advised when and where, (small cells?), this technology will be deployed. CICRA's press release in the summer on this subject did not mention the concerns and potential health effects of this technology. We are not being provided the relevant balanced information and have no voice in relation to the rollout of 5G which is unacceptable. I have written to CICRA and the Department of Environment for their comment and requested a moratorium the rollout of 5G until evidence has been provided that it is safe for deployment.

Public notice and public hearings are not even on the agenda yet telecom businesses and CICRA are working full steam ahead to benefit from the opportunities of revenue streams the deployment of this technology will bring to shareholders. Whilst I am not against technology and the improvements and advances it can bring for all of us, it has to be SAFE.

Please immediately halt the rollout of 5G technology in Jersey until a full, independent and thorough public review is undertaken and all the evidence has been researched and considered.

Please advise how you are guaranteeing my safety and the safety of the public and our environment by allowing the 'streamlining' of 5G testing and rollout.

I look forward to hearing from you.

Yours sincerely,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

----- End Of Message -----

Message 3

Message Key: 00031453CEA4E81CC986EB710592E4BC65ED8BC3
From: Richard Renouf <R.Renouf@gov.je>
To: [REDACTED]
Addressed To: [REDACTED]
Subject: Fwd: Concern with Jersey becoming a 5G testing ground.
Date: Saturday, November 24, 2018 18:08 UTC
Attachments: Scientist-5G-appeal-2017.pdf (395.4 KB), ATT00001.htm (227 B)



Can we get a response from environmental health please to be sent on behalf of all addressees.

R

Sent from my iPad

Begin forwarded message:

From: [REDACTED]
Date: 24 November 2018 at 12:28:24 GMT
To: <r.renouf@gov.je<mailto:r.renouf@gov.je>>
Cc: <j.lef@gov.je<mailto:j.lef@gov.je>>, <j.young@gov.je<mailto:j.young@gov.je>>, <t.vallois@gov.je<mailto:t.vallois@gov.je>>, <c.labey@gov.je<mailto:c.labey@gov.je>>, <s.crowcroft@gov.je<mailto:s.crowcroft@gov.je>>, <info@cicra.je<mailto:info@cicra.je>>
Subject: Concern with Jersey becoming a 5G testing ground.

Dear Deputy Renouf,

It was with quite some concern that I read in yesterday's Jersey Evening Post that the island is due to be used as a "testbed" for 5G wireless technology.

I have attached a petition from 2017 signed by 180 Doctors and Scientists from 35 countries who believe the "potential serious health effects of 5G" warrant a halt to the expansion of 5G until further research has been undertaken. The PDF is 10 pages long, but by reading just the first page you will get an idea of the gravitas of the situation.

I've also included a link to a Youtube video (only one and a half minutes in length) featuring the President of the American Environmental Health Trust, Dr. Devra Davis (Phd, MPH), expressing her concerns with 5G health dangers;

<https://youtu.be/PwLJOxXGOww>

Please, let's not rush into allowing the island to become a testing ground for this technology without first seriously considering the possibility of the human cost.

If nothing else please put just one and half minutes of your day aside to watch the video clip.

Thank you.

[REDACTED]

----- End Of Message -----

Message 4

Message Key: 0003145489D6306C47553DFD04634030B1643639
From: [REDACTED]
To: Richard Renouf <R.Renouf@gov.je>
Subject: Re: 5G proposed rollout
Date: Wednesday, December 12, 2018 20:08 UTC



Dear Mr Renouf,

Thank you for confirming receipt of my communication.

I look forward to hearing from the relevant officer, would you kindly advise when a response will be issued.

As I am sure you are aware, Jersey Telecoms and the Chief Minister have recently cemented the 5G rollout plan commencing next year.

This is extremely concerning. I would like to draw your attention to this article published earlier this month in The Lancet.

[https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196\(18\)30221-3/fulltext?dgcid=raven_jbs_etoc_email&fbclid=IwAR0cNtvFIXnXMKknZi7ezeMEFm4IHstFxBI_UtCmr19MCTsfGkG7zlh5uq4](https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(18)30221-3/fulltext?dgcid=raven_jbs_etoc_email&fbclid=IwAR0cNtvFIXnXMKknZi7ezeMEFm4IHstFxBI_UtCmr19MCTsfGkG7zlh5uq4)

I await your departments response.

Kind regards,

> On 27 Nov 2018, at 11:42, Richard Renouf <R.Renouf@gov.je> wrote:

>

> Dear [REDACTED]

>

> I acknowledge receipt of your email and I can confirm that it has been passed onto the relevant officer.

>

> Kind regards

>

> Deputy Richard Renouf

> Minister for Health and Community Services

> Cyril Le Marquand House, PO Box 140, St Helier, Jersey, JE4 8QT

> tel: 01534 442891|email: r.renouf@gov.je

>

>

> From: [REDACTED]

> Sent: 13 November 2018 20:33

> To: Richard Renouf <R.Renouf@gov.je>

> Subject: 5G proposed rollout

>

>

> Dear Mr Renouf,

>

> I write to relay my extreme concern on the proposed roll out of 5G, fifth generation telecommunication networks, in Jersey and the support that the States of Jersey and CICRA has provided to telecommunication companies to expedite the deployment of this technology.

>

> There has been no Governmental or CICRA review of the environmental and human health impacts of moving forward with 5G as far as I am aware.

> The States of Jersey do not appear to have implemented any specific rules for 5G deployment without first studying the safety of 5G for humans and the environment and this new 5G technology will impact us all in a very serious way. If 5G is built, radiation levels will increase 10- to 100-fold, virtually overnight.

> These high frequency wavelengths penetrate only the outer layer of the skin, unlike 2G, 3G and 4G technology which passes through the body. Major health concerns with exposure to 5G are to skin, eye and adverse systemic metabolic signaling through skin sensors, as well as heat effects.

There are also significant concerns regarding damage to the environment, with harm to insects and bacteria.

>

> There is consensus within the scientific community that the existing limits for wireless radiation do not protect the population from biological effects.

> 244 EMF (electromagnetic field) Scientists from 41 nations around the globe are urgently calling upon the United Nations and its sub organisations, the WHO and UNEP and all Member States for greater health protection on EMF Exposure:(<https://www.emfscientist.org>).

>

> In addition, in April this year the International Society of Doctors for the Environment (ISDE) adopted a declaration calling for a moratorium on the deployment of 5G in the European Union. They state in the declaration that, 'We believe it should be unethical to ignore the available evidence waiting a possible "a posteriori" demonstration of health damages in the presence of a present and potentially manageable risk for public health'.

> <https://www.saferemr.com/2017/09/5G-moratorium12.html>

>

> Furthermore scientists and doctors worldwide are calling for a halt to the 5G rollout. Last year over 180 scientists and doctors issued a declaration to officials of the European Commission demanding a moratorium on the increase cell antennas for planned 5G expansion and concerns over health effects from high radiation exposure include potential neurological impacts, infertility and cancer.

> <https://ehtrust.org/small-cells-mini-cell-towers-health-letters-scientists-health-risk-5g/>

>

> There is now overwhelming scientific evidence of the dangers and detrimental effects regarding non ionizing radiation, the literature on Radio Frequency Radiation (RFR) in the very high frequency bands required for 5G document DNA breakages, serious cellular resonance effects, and other serious detrimental metabolic effects,

> <http://www.bioinitiative.org/conclusions/>

>

> Peer reviewed, published science indicates that exposures to wireless radiation can increase cancer risk and alter brain development and damage sperm. Most people are unaware that wireless technology was never tested for long-term safety, that children are more vulnerable and that the accumulated scientific evidence shows harm.

> A letter from oncologist Lennart Hardell MD & Colleagues stated that "There is a substantial body of evidence that this technology is harmful to humans and the environment. The 5G millimeter wave is known to heat the eyes, skin and testes... Of particular concern are the most vulnerable among us — the unborn, children, the infirm, the elderly and the disabled. It is also expected that populations of bees and birds will drastically decline."

> His letter and other letters from Scientists can be found here:

> <https://ehtrust.org/small-cells-mini-cell-towers-health-letters-scientists-health-risk-5g/>

>

> 5G will add in another layer of wireless radiation to our environment. 5G will not only utilize wireless frequencies already in use but also add in higher frequencies — submillimeter and millimeter waves in order to transmit data at superfast speeds.

>

> Communities are being stripped of their right to make decisions about this new technology, we have not been advised when and where, (small cells?), this technology will be deployed. CICRA's press release in the summer on this subject did not mention the concerns and potential health effects of this technology. We are not being provided the relevant balanced information and have no voice in relation to the rollout of 5G which is unacceptable. I have written to CICRA and the Department of Environment for their comment and requested a moratorium the rollout of 5G until evidence has been provided that it is safe for deployment.

>

> Public notice and public hearings are not even on the agenda yet telecom businesses and CICRA are working full steam ahead to benefit from the opportunities of revenue streams the deployment of this technology will bring to shareholders. Whilst I am not against technology and the improvements and advances it can bring for all of us, it has to be SAFE.

>

> Please immediately halt the rollout of 5G technology in Jersey until a full, independent and thorough public review is undertaken and all the evidence has been researched and considered.

>

> Please advise how you are guaranteeing my safety and the safety of the public and our environment by allowing the 'streamlining' of 5G testing and rollout.

>

> I look forward to hearing from you.

> Yours sincerely,

>

>

> [REDACTED]

> [REDACTED]

> [REDACTED]

> [REDACTED]

>

>

>

Scientists warn of potential serious health effects of 5G



September 13, 2017

We the undersigned, more than 180 scientists and doctors from 35 countries, recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry. 5G will substantially increase exposure to radiofrequency electromagnetic fields (RF-EMF) on top of the 2G, 3G, 4G, Wi-Fi, etc. for telecommunications already in place. RF-EMF has been proven to be harmful for humans and the environment.

(Note: [Blue links](#) below are references.)

5G leads to massive increase of mandatory exposure to wireless radiation

5G technology is effective only over short distance. It is poorly transmitted through solid material. Many new antennas will be required and full-scale implementation will result in antennas every 10 to 12 houses in urban areas, **thus massively increasing mandatory exposure.**

With "[the ever more extensive use of wireless technologies,](#)" nobody can avoid to be exposed. Because on top of the increased number of 5G-transmitters (even within housing, shops and in hospitals) according to estimates, "[10 to 20 billion connections](#)" (to refrigerators, washing machines, surveillance cameras, self-driving cars and buses, etc.) will be parts of the Internet of Things. All these together can cause a substantial increase in the total, long term RF-EMF exposure to all EU citizens.

Harmful effects of RF-EMF exposure are already proven

[More than 230 scientists from 41 countries](#) have expressed their "serious concerns" regarding the ubiquitous and increasing exposure to EMF generated by electric and wireless devices already before the additional 5G roll-out. They refer to the fact that "numerous recent scientific publications have shown that *EMF affects living organisms at levels well below most international and national guidelines*". Effects include increased cancer risk, cellular stress, increase in harmful free radicals, genetic damages, structural and functional changes of the reproductive system, learning and memory deficits, neurological disorders, and negative impacts on general well-being in humans. Damage goes well beyond the human race, as there is growing evidence of harmful effects to both [plants](#) and [animals](#).

After the scientists' appeal was written in 2015 additional research has convincingly confirmed serious health risks from RF-EMF fields from wireless technology. The world's largest study (25 million US dollar) [National Toxicology Program \(NTP\)](#), shows statistically significant increase in the incidence of *brain and heart cancer* in animals exposed to EMF below the ICNIRP (International Commission on Non-Ionizing Radiation Protection) guidelines followed by most countries. These results support results in human epidemiological studies on RF radiation and brain tumour risk. [A large number of peer-reviewed scientific reports](#) demonstrate harm to human health from EMFs.

The International Agency for Research on Cancer (IARC), the cancer agency of the World Health Organization (WHO), in 2011 concluded that EMFs of frequencies 30 KHz – 300 GHz are possibly [carcinogenic to humans \(Group 2B\)](#). However, new studies like the NTP study mentioned above and several epidemiological investigations including the latest studies on mobile phone use and brain cancer risks [confirm that RF-EMF radiation is carcinogenic to humans](#).

The [EUROPA EM-EMF Guideline 2016](#) states that "there is strong evidence that *long-term exposure to certain EMFs is a risk factor for diseases* such as certain cancers, Alzheimer's disease, and male infertility...Common EHS (electromagnetic hypersensitivity) symptoms include headaches, concentration difficulties, sleep problems, depression, lack of energy, fatigue, and flu-like symptoms."

An increasing part of the European population is affected by ill health symptoms that have for many years been linked to exposure to EMF and wireless radiation in the scientific literature. The International [Scientific Declaration on EHS & multiple chemical sensitivity \(MCS\)](#), Brussels 2015, declares that: "In view of our present scientific knowledge, we thereby stress all national and international bodies and institutions...to recognize EHS and MCS as true medical conditions which acting as sentinel diseases may create a *major public health concern in years to come worldwide* i.e. in all the countries implementing unrestricted use of electromagnetic field-based wireless technologies and marketed chemical substances... ***Inaction is a cost to society*** and is not an option anymore... we unanimously acknowledge this serious hazard to public health...that major primary *prevention measures are adopted and prioritized, to face this worldwide pan-epidemic in perspective.*"

Precautions

The [Precautionary Principle](#) (UNESCO) was [adopted by EU 2005](#): "*When human activities may lead to morally unacceptable harm that is scientifically plausible but uncertain, actions shall be taken to avoid or diminish that harm.*"

[Resolution 1815](#) (Council of Europe, 2011): "*Take all reasonable measures to reduce exposure to electromagnetic fields, especially to radio frequencies from mobile phones, and particularly the exposure to children and young people who seem to be most at risk from head tumours...Assembly strongly recommends that the ALARA (as low as reasonably achievable) principle is applied, covering both the so-called thermal effects and the athermic [non-thermal] or biological effects of electromagnetic emissions or radiation" and to "improve risk-assessment standards and quality".*

The [Nuremberg code](#) (1949) applies to all experiments on humans, thus including the roll-out of 5G with new, higher RF-EMF exposure. All such experiments: "*should be based on previous knowledge (e.g., an expectation derived from animal experiments) that justifies the experiment. No experiment should be conducted, where there is an a priori reason to believe that death or disabling injury will occur; except, perhaps, in those experiments where the experimental physicians also serve as subjects.*" (Nuremberg code pts 3-5). Already published scientific studies show that there is "a priori reason to believe" in real health hazards.

The [European Environment Agency](#) (EEA) is warning for "Radiation risk from everyday devices" in spite of the radiation being [below the WHO/ICNIRP standards](#). EEA also concludes: "*There are many examples of the failure to use the precautionary principle in the past, which have resulted in serious and often irreversible damage to health and environments...harmful exposures can be widespread before there is both 'convincing' evidence of harm from long-term exposures, and biological understanding [\[mechanism\]](#) of how that harm is caused.*"

"Safety guidelines" protect industry – not health

The current ICNIRP "safety guidelines" are obsolete. All proofs of harm mentioned above arise although the radiation is [below the ICNIRP "safety guidelines"](#). Therefore new safety standards are necessary. The reason for the misleading guidelines is that "[conflict of interest of ICNIRP members](#) due to their *relationships with telecommunications or electric companies* undermine the impartiality that should govern the regulation of Public Exposure Standards for non-ionizing radiation...To evaluate cancer risks it is necessary to include scientists with competence in medicine, especially oncology."

The current ICNIRP/WHO guidelines for EMF are based on the obsolete hypothesis that "The critical effect of RF-EMF exposure relevant to human health and safety is [heating of exposed tissue](#)." However, scientists have proven that many different kinds of *illnesses and harms are [caused without heating](#)* ("non-thermal effect") at radiation levels well below ICNIRP guidelines.

We urge the EU:

- 1) To take all reasonable measures to halt the 5G RF-EMF expansion until independent scientists can assure that 5G and the total radiation levels caused by RF-EMF (5G together with 2G, 3G, 4G, and WiFi) will not be harmful for EU-citizens, especially infants, children and pregnant women, as well as the environment.
- 2) To recommend that all EU countries, especially their radiation safety agencies, follow Resolution 1815 and inform citizens, including, teachers and physicians, about health risks from RF-EMF radiation, how and why to avoid wireless communication, particularly in/near e.g., daycare centers, schools, homes, workplaces, hospitals and elderly care.
- 3) To appoint immediately, without industry influence, an EU task force of independent, truly impartial EMF-and-health scientists with no conflicts of interest¹ to re-evaluate the health risks and:
 - a) To decide about new, safe “maximum total exposure standards” for all wireless communication within EU.
 - b) To study the total and cumulative exposure affecting EU-citizens.
 - c) To create rules that will be prescribed/enforced within the EU about how to avoid exposure exceeding new EU “maximum total exposure standards” concerning all kinds of EMFs in order to protect citizens, especially infants, children and pregnant women.
- 4) To prevent the wireless/telecom industry through its lobbying organizations from persuading EU-officials to make decisions about further propagation of RF radiation including 5G in Europe.
- 5) To favor and implement wired digital telecommunication instead of wireless.

We expect an answer from you no later than **October 31, 2017** to the two first mentioned signatories about what measures you will take to protect the EU-inhabitants against RF-EMF and especially 5G radiation. This appeal and your response will be publicly available.

Respectfully submitted,

Rainer Nyberg, EdD, Professor Emeritus (Åbo Akademi), Vasa, Finland (NRNyberg@abo.fi)

Lennart Hardell, MD, PhD, Professor (assoc) Department of Oncology, Faculty of Medicine and Health, University Hospital, Örebro, Sweden (lennart.hardell@regionorebrolan.se)

WE will add signatories to the following list through the end of 2017. The updated list of signatories and the appeal can be found later [HERE](#).



¹ Avoid similar mistakes as when the [Commission \(2008/721/EC\)](#) appointed [industry supportive members for SCENIHR](#), who submitted to EU [a misleading SCENIHR report](#) on health risks, [giving telecom industry a clean bill to irradiate](#) EU-citizens. The report is now quoted by radiation safety agencies in EU.

Signatories to the 5G Appeal (As of September 13, 2017)

Note: The endorsements are personal and not necessarily supported by the affiliated universities or organizations.

EU and European Nations

AUSTRIA

Gerd Oberfeld, MD, Public Health Officer, Salzburg

BELGIUM

Marie-Claire Cammaerts, PhD, Researcher (retired), Faculty of Science, Free University of Brussels, Brussels

CYPRUS

Stella Canna Michaelidou, PhD, Chemist Expert on Environment, Health and Food Safety, President of the Cyprus National Committee on Environment and Children's Health

FINLAND

Marjukka Hagström, LL.M, M.Soc.Sc., Senior researcher, The Finnish Electrosensitivity Foundation, Turku

Osmo Hänninen, PhD, Professor Emeritus (Physiology), Kuopio

Georgiy Ostroumov, PhD (in the field of RF EMF), independent researcher

FRANCE

Marc Arazi, MD, Physician (Whistleblower on Phonegate international scandal), Nogent-sur-Marne

Dominique Belpomme, MD, MSc, Full Professor in Medical Oncology; Director of ECERI, Paris University, Paris & European Cancer and Environment Research Institute, Brussels

Philippe Irigaray, PhD, Scientific Director, Association for Research on Treatment against Cancer (ARTAC), Paris; European Cancer and Environment Research Institute (ECERI), Brussels

Vincent Lauer, Ing. ECP, Independent Researcher, La Chapelle sur Erdre

Annie J Sasco, MD, DrPH, Former Director of Research, French National Institute of Health and Medical Research; Former Chief of Epidemiology for Cancer Prevention, International Agency for Research on Cancer; Former Acting Chief of Program, Cancer Control, World Health Organization, Bordeaux

GERMANY

Franz Adlkofer, MD, Professor, Pandora-Foundation for Independent Research

Christine Aschermann, MD (retired) member of the Kompetenzinitiative e.V., Leutkirch

Mario Babilon, Dr. rer. nat., Professor, Baden-Wuerttemberg Cooperative State University Stuttgart

Wolf Bergmann, Dr. med., Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., Freiburg

Rainer Frentzel-Beyme, MD, Professor emeritus, University of Bremen.

Helmut Breunig, Diploma degree in forestry, Specialty: Radio frequency injuries on trees around phone masts, Osterode am Harz

Klaus Buchner, Dr. rer. nat., Professor, MEP – Member of the European Parliament, Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., München

Horst Eger, Dr. med., Ärztlicher Qualitätszirkel "Elektromagnetische Felder in der Medizin - Diagnostik, Therapie, Umwelt", Naila

Karl Hecht, Dr, Professor of Pathophysiology and Neurophysiology (Emeritus of the Medical center Charite), Berlin

Peter Hensinger, MA, diagnose:funk, consumer protection organisation, Stuttgart

Markus Kern, Dr. med., Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., Kempten

Florian M. König, Dr.Sc. Man. Dir. & Science Header of the Company/Institute "Florian König Enterprises GmbH"

Andrea Leute, Dr. med., Ärzteinitiative Mobilfunk Allgäu-Bodensee-Oberschwaben, Überlingen

Martin Lion, Dr. med., Allgemeinmedizin - Homöopathie, Ulm

Peter Ludwig, Dr. phil., Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V., Saarbrücken

Willi Mast, Dr., Arzt für Allgemeinmedizin und Innere Medizin, Gelsenkirchen

Joachim Mutter, Dr. med., Paracelsus Clinic / Switzerland, *Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V.*, Murg

Gertraud Teuchert-Noodt, Dr.med., Professor of Neurobiology, University of Bielefeld

Peter Ohnsorge, Dr. med., European Academy for Environmental Medicine

Karl Richter, Dr. phil., Professor, *Kompetenzinitiative zum Schutz von Mensch, Umwelt und Demokratie e.V.*, St. Ingbert

Claus Scheingraber, Dr. med. dent., German Working Group Electro-Biology, Brunthal

Cornelia Waldmann-Selsam, Dr.med., Competence Initiative for the Protection of Humanity, Environment and Democracy e.V., Bamberg

Werner Thiede, Dr. theol., Professor, Pfarrer der Evangelisch-Lutherischen Landeskirche in Bayern und Publizist, Neuhausen

Helmut Wagner, Dr. med., Ophthalmologist, Stuttgart

Harald Walach, Professor, PhD in psychology, PhD in theory and history of science, Change Health Science Institute, Berlin; affiliation: Witten-Herdecke University, Poznan Medical University, Poland

Ulrich Warnke, Dr.rer.nat., Academic Superior Council (retired) University of Saarland

Isabel Wilke, Diplom-Biologin, Editor ElektrosmogReport, Kassel/Berlin

Roland Wolff, Dipl.-Phys., Medical Physicist, Bremen

Ortwin Zais, PhD (Dr. med.), European Academy for Environmental Medicine

GREECE

Christos Georgiou, PhD, Member, Scientific Secretariat of ICEMS; Professor of Biochemistry, Biology Department, University of Patras, Patras

Theodore P. Metsis, PhD, Electrical, Mechanical, Environmental Engineer, Consultant, Athens

ITALY

Domenico Agrusta, Medicina e chirurgia spec. in Odontostomatologia, Libero professionista Iscritto ISDE, Taranto

Fernanda Amicarelli, Full Professor in Applied Biology, Department of Life, Health and Environmental Sciences, University of L'Aquila, L'Aquila

Fiorella Belpoggi, Dr., Director, Research Department, Ramazzini Institute, Bologna

Sergio Bernasconi, Full Professor of Pediatrics, former Director, Pediatric Department, Editor emeritus: Italian Journal of Pediatrics, University of Parma

Dr Franco Berrino, MD, PhD, former Director, Department of Preventive and Predictive Medicine, Istitutonazionale dei Tumori, Milan

Ernesto Burgio, MD, Pediatrician, ECERI – European Cancer and Environment Research Institute (Bruxelles)

Dr Franco Cherubini, Degree in medicine and surgery, Vetralla

Dott. Agostino Di Ciaula, President of Scientific Committee, Italian Society of Doctors for the Environment - ISDE Italy, Arezzo

Dott. Andrea Cormano, MD, Italian Society of Doctors for the Environment - ISDE, Benevento

Ugo Corrieri, Medicina e chirurgia spec. in Psichiatria, Docente della Scuola Romana di Psicoterapia Familiare, Roma; Presidente di ISDE-Medici per l'Ambiente della Provincia di Grosseto; Coordinatore di ISDE-Medici per l'Ambiente per il Centro Italia

Dr Patrizia Difonte, Physician, Surgeon, General practitioner and occupational medicine, Associazione Italiana Elettrosensibili, Lonate Pozzolo, Varese

Anna Maria Falasconi, MD, Primary Care Pediatrician, National Health System, Rome

Dott. Filippo Maria di Fava, Laurea in Medicina e Chirurgia, Libero professionista, Rome

Dr. Mario Frusi, MD, medico, Cuneo

Dr. Stefano Gallozzi, Astrophysician and technologist at the INAF Italian National Astrophysical Institute in the Observatory, President of the Comitato di Tutela e Salvaguardia dell'Ambiente in Monte Porzio Catone (ONLUS association), Rome

Dott. Roberto Gava, Pharmacologist and Toxicologist, ISDE, Padua

Teresa Pia Anna Maria Del Gaudio, Degree in Medicine and Surgery, specialist in pediatrics, Medical Manager, ASL Salerno, Roccagloriosa (SA)

Patrizia Gentilini, Degree in Medicine (Oncology and Hematology). ISDE (International Society Doctor's for Environment), FORLI'

Valerio Gennaro, MD, PhD, Head ,Liguria Mesothelioma Registry (COR Liguria), UO Clinical Epidemiology (IST Nord - CBA); IRCCS Policlinico Ospedale San Martino National Cancer Research Institute, Genoa

Livio Giuliani, PhD, Professor, Università dell'Abruzzo - Corso di Laurea in Fisiatria, Chieti

Angelo Levis, PhD. Professor, Biologist, University of Padua

Roberto Lucchini, MD, Professor of Occupational Medicine, University of Brescia

Salvatore Magazù, PhD, Full Professor of Experimental Physics, Dipartimento di Scienze Matematiche e Informatiche, Scienze Fisiche e Scienze della Terra, Università di Messina

Fiorenzo Marinelli, PhD, Institute of Molecular Genetics (IGM), National Research Council (CNR), Member of the International Commission for Electromagnetic Safety (ICEMS), Bologna

Antonio Maria Pasciuto, Laurea in Medicina e Chirurgia, Specialista in Medicina Interna, Presidente ASSIMAS (Associazione Italiana Medicina Ambiente e Salute), Roma

Dott. Carlo Ratti, MD, Ordine dei Medici della SPEZIA, Genova

Ruggero Ridolfi, MD, Oncologist Endocrinologist, ISDE, Forlì-Cesena

Sandro Rinaldi, Laurea in medicina e chirurgia specializzazione in Allergologia; specializzazione in Ematologia. Medico di medicina generale convenzionato con l'Azienda Sanitaria di Bolzano, Terzano

Dott. Massimo Melelli Roia, MD, Italian Society of Doctors for the Environment - ISDE, Perugia

Dott. Roberto Romizi, President, Italian Society of Doctors for the Environment - ISDE, Arezzo

Dott.ssa Ida Santellocco, MD, Medico chirurgo, Pediatria, medico chirurgo - pediatra, Roma

Massimo Scalia, Coordinator of the Bioelectromagnetism Section of CIRPS (Interuniversity Research Center for Sustainable Development)

Alessandro Solerio, Degree in Medicine and Surgery, Sanremo

Franco Verzella, MD, physician, practice dedicated to autistic children, Bologna

Myriam Zucca, Dr. ssa, Medical Director, Dermatology, Cagliari University Hospital, Sardinia

MALTA

Pierre Mallia, MD, PhD, CBiol, MPhil, MA(Law), Professor of Family Medicine, Bioethics & Patients' Rights; Chairperson, National Health Ethics Committee, Dept. of Health; Chairperson, Bioethics Consultative Committee, Ministry of Health; Coordinator, Bioethics Research Programme, Univ. of Malta; President, Malta College of Family Doctors

NETHERLANDS

Hugo Schooneveld, PhD, Retired Associate professor (Wageningen Agricultural University), Advisor to the Dutch EHS Foundation, former president of 'Stichting elektro-hypersensitiviteit', Wageningen

PORTUGAL

Paulo Vale, PhD, Auxiliary Researcher, Sea and Marine Resources Department, The Portuguese Sea and Atmosphere Institute, Lisbon

SLOVAKIA

Jan Jakus, MD, PhD, DSc., Professor, Jessenius Faculty of Medicine, Comenius University, Martin

Ladislav Janousek, PhD, Professor, Department of Electromagnetic and Biomedical Engineering Faculty of Electrical Engineering, University of Zilina, Žilina

Michal Teplan, PhD, Institute of Measurement Science, Slovak academy of sciences, Bratislava

SPAIN

Alfonso Balmori, BSc, Master in Environmental Education, Biologist. Junta de Castilla y León, Valladolid

José Luis Bardasano, PhD, Biologist and Physician, Prof. of Medical Bioelectromagnetism, Department of Medicine and Medical Specialties, School of Medicine, University of Alcalá. Alcalá de Henares, Madrid

Pilar Muñoz-Calero, MD, President, Fundación Alborada; Co-director, Chair of Pathology and Environment, Faculty of Medicine, Universidad Complutense de Madrid (UCM), Madrid

Miguel Lopez-Lazaro, PhD, Associate Professor, Department of Pharmacology, Faculty of Pharmacy, University of Seville

María Elena López Martín, MD, PhD, Associate Professor of Human Anatomy, School of Medicine, University of Santiago de Compostela (USC)

Enrique A. Navarro, PhD, Professor, University of Valencia, Valencia

Claudio Gómez-Perretta, MD, PhD, Chief of Section, Hospital Universitario La Fe, Valencia

SWEDEN

Mikko Ahonen, PhD, researcher, Sundsvall

Michael Carlberg, MSc, Department of Oncology, Faculty of Medicine and Health, University Hospital, Örebro

Mikael Eriksson, MD, PhD, Associate Professor, Department of Oncology, Skane University Hospital, Lund

Lena Hedendahl, MD, Independent Environment and Health Research, Luleå

Olle Johansson, Associate Professor, Experimental Dermatology Unit, Department of Neuroscience, Karolinska Institute, Stockholm

Gunilla Ladberg, PhD, Member of the Board of the Swedish association Vågbrytaren, Lidingö

Leif G. Salford, MD, PhD, Senior Professor of Neurosurgery, Director of the Rausing Laboratory for Translational NeuroOncology, Lund University, Lund

Elsy-Britt Schildt, MD, PhD, Senior Consultant, Department of Oncology and Radiation, County Hospital, Kalmar

Fredrik Söderqvist, PhD, Center for Clinical Research, Uppsala University, Västerås

SWITZERLAND

Daniel Favre, Dr. phil. nat., Biologist, Independent Researcher, Brent

Peter Meier, Dr. Med., Facharzt für Innere Medizin FMH, M.Sc. Präventivmedizin, Mitglied der European Academy for Environmental Medicine, Sissach

UK

Erica Mallery-Blythe, MD, Founder of PHIRE (Physicians' Health Initiative for Radiation and Environment) Trustee Radiation Research Trust (RRT), Soton

David Gee, Visiting Fellow, Institute of Environment, Health and Societies, Brunel University, London

Andrew Goldsworthy, BSc, PhD, Lecturer in Biology (retired), Imperial College London, Monmouth

Alasdair Philips, BSc, DAQE, Professional engineer, Powerwatch

Syed Ghulam Sarwar Shah, MBBS, MA, MSc, PhD, Post-Doctoral Research Fellow, Department of Occupational Health, Guy's and St. Thomas' NHS Trust; Honorary Research Fellow, Department of Clinical Sciences, Brunel University, London

Sarah Starkey, PhD, Independent Neuroscience and Environmental Health Research

Other Nations

ARMENIA

Sinerik Ayrapetyan, PhD, Professor, Life Sciences International Postgraduate Educational Center, UNESCO Chair in Life Sciences, Yerevan, Head of Research Council and Chairholder of UNESCO Chair

AUSTRALIA

Priyanka Bandara, PhD, Environmental Health Consultant, Castle Hill/Sydney, NSW

Katherine Georgouras, OAM, DDM, FACD, Professor of Dermatology, (semiretired), Kenthurst NSW

Ray Kearney OAM, PhD, Honorary Assoc. Professor (retired), Department of Medicine, University of Sydney

Don Maisch, PhD, Independent researcher, author of "The Procrustean Approach", Lindisfarne, Tasmania

May Murray, PhD, Independent Environmental Health researcher, Canberra

Elena Pirogova, PhD, Associate Professor, Biomed Eng, BEng (Hons) Chem En, Discipline of Electrical and Biomedical Engineering, School of Engineering, RMIT University

Charles Teo, AM, MBBS, Professor, Neurosurgeon, Prince of Wales Private Hospital, Randwick, NSW, Sydney

Steve Weller, BSc, Founding member of ORSSA, Brisbane

BRAZIL

Orlando Furtado Vieira Filho, PhD, Professor, Cellular & Molecular Biology, Federal University of Rio Grande do Sul

Claudio Enrique Fernández-Rodríguez, PhD, MSEE, Professor, Federal Institute of Rio Grande do Sul, IFRS, Canoas

Alvaro Augusto A. de Salles, PhD, Full Professor, Federal University of Rio Grande do Sul, UFRGS, Porto Alegre

Francisco de Assis Ferreira Tejo (retired) D.Sc., Professor, Grupo de Eletromagnetismo Computacional e Bioeletromagnetismo, Electrical Engineering Dept, Universidade Federal de Campina Grande

CANADA

Frank Clegg, CEO, Canadians for Safe Technology (C4ST); Former President of Microsoft Canada

Paul Héroux, PhD, Occupational Health Program Director, Department of Epidemiology, Biostatistics and Occupational Health, McGill University Medicine, Montreal, PQ

Anthony B. Miller, MD, FRCP, Professor Emeritus, Dalla Lana School of Public Health, University of Toronto

Malcolm Paterson, PhD, Director, Research Initiatives, BC Cancer Agency Sindi Ahluwalia Hawkins Centre for the Southern Interior, Kelowna, BC

Michael A. Persinger, PhD, Professor, Biomolecular Sciences, Behavioural Neuroscience and Human Studies, Laurentian University, Sudbury, Ontario

CHINA

Wenjun Sun, PhD, Professor, Bioelectromagnetics Key Laboratory, Zhejiang University, School of Medicine, Hangzhou

Minglian Wang, M.M., PhD, Associate Professor, College of Life Science & Bioengineering, Beijing University of Technology (BJUT), Beijing

COLOMBIA

Carlos Sosa, MD, University of Antioquia, Medellín

EGYPT

Nasr Radwan, Prof. Dr., Cairo University, Faculty of Science, Cairo

INDIA

Ganesh Chandra Jagetia, PhD, Professor (ret.), Department of Zoology, Mizoram University, Aizawl, Udaipur

Sareesh Naduvil Narayanan, PhD, Assistant Professor, Department of Physiology, RAK College of Medical Sciences, RAK Medical & Health Sciences University, Ras Al Khaimah, UAE

R. S. Sharma, PhD, Head, Scientist - G & Sr. DDG, Div. of Reproductive Biology, Maternal & Child Health and Chief Project Coordinator - EMF Health Project India, Indian Council of Medical Research, Ansari Nagar, New Delhi

IRAN

Hamid Mobasheri, PhD, Head of Biomaterials Research Center, Head of Laboratory of Membrane Biophysics and Macromolecules, Institute of Biochemistry and Biophysics, University of Tehran

Amirnader Emami Razavi, PhD, Executive Manager and Principal Investigator of Iran, National Tumor Bank, Cancer Institute of Iran, Tehran University of Medical Sciences

Dr. Masood Sepehrmanesh, PhD, Assistant Professor, Gastrointestinal and Liver Disease Research Center, Guilan University of Medical Sciences, Rasht

ISRAEL

Iris Atzmon, MPH, Epidemiology, University of Haifa, EMF author and researcher, Haifa

Michael Peleg, M.Sc., Radio Communications Engineer and Researcher, Technion, Israel Institute of Technology, Haifa

Elihu D Richter, MD, MPH, Professor, Occupational and Environmental Medicine, Hebrew University-Hadassah School of Public Health and Community Medicine, Jerusalem

Yael Stein, MD, Hebrew University - Hadassah Medical Center, Jerusalem

Danny Wolf, MD, Pediatrician, Clialit Health Services Raziell, Netanya Herzelia

JORDAN

Mohammed Saleh Al Salameh, PhD, Professor, Department of Electrical Engineering, University of Science & Technology, Irbid

KOREA (South)

Kiwon Song, PhD, Professor, Department of Biochemistry, Yonsei University, Seoul

Young Hwan Ahn, MD PhD, Professor, Department of Neurosurgery, Ajou University School of Medicine, Suwon

NEW ZEALAND

Mary Redmayne, PhD, Adjunct Research Fellow, Victoria University of Wellington

Damian Wojcik, MD, MBChB, Medical director/ Northland Environmental health Clinic, Whangare, Northland

NIGERIA

Aneyo Idowu Ayisat, M.Sc., Lecturer, Environmental Biology Unit, Biological Science Department, Yaba College of Technology, Yaba, Lagos

OMAN

Dr Najam Siddiqi, MBBS, PhD, Associate Professor of Anatomy, Oman Medical College, Sohar

RUSSIAN FEDERATION

Yury Grigoriev, Professor, M. Dr Sci., Federal. Medical Biophysical Center, Moscow

Maxim V. Trushin, PhD, Associate Professor, Kazan Federal University, Kazan

TURKEY

Osman Cerezci, Professor Dr., Dept. Electrical-Electronics Engineering, Sakarya University, Adapazari

Suleyman Dasdag, PhD, Prof. Dr., Biophysics Department, Medical School, Istanbul Medeniyet University, Uskudar, Istanbul

Onur Elmas, MD, PhD, Faculty of Medicine, Dept. Of Physiology, Mugla Sitki Kocman University, Mugla

Ayşe Inhan Garip, Assoc. Prof., School of Medicine, Biophysics Dept., Marmara University, Istanbul
Suleyman Kaplan, PhD, Professor, President of Turkish Society for Stereology, Board member of Journal
Chemical Neuroanatomy (Elsevier), Board member of Journal of Microscopy and Ultrastructure
(Elsevier), Department of Histology and Embryology, Ondokuz Mayıs University, Samsun
Fulya Kunter, Assistant Professor Dr., Dept. Electrical-Electronics Engineering, Marmara University, Istanbul
Selim Şeker, Professor Dr., Department of Electrical-Electronics Engineering, Bogazici University
Nesrin Seyhan, Prof. Dr., Gazi University Medical Faculty, Founder Head, Biophysics Department;
Founding Director, Gazi Non-Ionizing Radiation Protection Centre (GNRK), Ankara

UKRAINE

Olexandr Tsybulin, PhD, Department of Biophysics, Bila Tserkva National Agrarian University

USA

David O. Carpenter, MD, Director, Institute for Health and the Environment, A Collaborating
Centre of the World Health Organization, University at Albany, NY
Barry Castleman, ScD, Environmental Consultant, Garrett Park, MD
Devra Davis, PhD, MPH, Visiting Prof. Medicine, Hebrew University, Hadassah Medical Center & Ondokuz
Mayis University, Medical School (Turkey); Pres., Environmental Health Trust, WY
Paul Doyon, MA, MAT, EMRS, Independent Researcher, Doyon Independent Research, CA
Arthur Firstenberg, BA, EMF researcher and author; President, Cellular Phone Task Force, NY
Beatrice A. Golomb, MD, PhD, Professor of Medicine, University of California, San Diego, CA
Peter F. Infante, DrPH, Managing Member, Peter F. Infante Consulting, LLC, VA
Toril H. Jelter, MD, MDI Wellness Center, CA
Elizabeth Kelley, MA, Electromagnetic Safety Alliance, AZ
Henry Lai, PhD, Professor Emeritus, University of Washington, WA
B. Blake Levitt, medical/science journalist, former New York Times contributor, EMF researcher and author
Marko Markov, PhD, Professor of Biophysics (emeritus), Department of Biophysics and Radiobiology, Sofia
University, Bulgaria; President, Research International, NY
Trevor G Marshall, ME, PhD, Director, Autoimmunity Research Foundation, CA
Ronald Melnick, PhD, Senior Toxicologist, (Retired radiofrequency section leader of) US National Toxicology
Program, National Institute of Environmental Health Sciences, NIH, NC
L. Lloyd Morgan, Senior Research Fellow, Environmental Health Trust; Board Member,
International EMF Alliance (IEMFA), CA
S. M. J. Mortazavi, PhD, Professor of Medical Physics, Visiting Scientist, Fox Chase Cancer
Center, PA
Joel M. Moskowitz, PhD, Director, Center for Family and Community Health, School of Public Health,
University of California, Berkeley, CA
Martin Pall, PhD, Professor Emeritus, Biochemistry and basic medicine, Washington State U., Pullman, WA
Jerry L. Phillips, PhD, Exec. Director, Excel Centers, Professor Attendant, Department of Chemistry and
Biochemistry, University of Colorado, Colorado Springs, CO
Camilla R. G. Rees, MBA, health researcher and author; CEO, Wide Angle Health; Sr. Policy Advisor, National
Institute for Science, Law & Public Policy, NY
Cindy Sage, MA, Sage Associates, Co-Editor, BioInitiative Reports, CA
Eugene Sobel, PhD, Professor (Retired), University of Southern California School of Medicine, CA
John G. West, MD, Director of Surgery, Breastlink, CA

Message 5

Message Key: 00031454BC059736E3ED1FA46D953B6D1E6A8691
From: Richard Renouf <R.Renouf@gov.je>
To: [REDACTED]
Addressed To: [REDACTED]
Subject: FW: 5G
Date: Friday, December 28, 2018 22:41 UTC



Hi [REDACTED]

Article 35

[REDACTED]

Thank you

Richard

Deputy Richard Renouf
Minister for Health and Community Services
Peter Crill House | General Hospital | St Helier | Jersey | JE1 3QS
tel: [REDACTED] | email: r.renouf@gov.je<mailto:r.%20renouf@gov.je>

From: Richard Renouf
Sent: 28 December 2018 22:40
To: [REDACTED]
Subject: RE: 5G

Dear [REDACTED]

Thank you for your email. I will try and find out more detail about the emergency provision for doctors and get back to you.

Best wishes for the new year.

Richard

Deputy Richard Renouf
Minister for Health and Community Services
Peter Crill House | General Hospital | St Helier | Jersey | JE1 3QS
tel: [REDACTED] | email: r.renouf@gov.je<mailto:r.%20renouf@gov.je>

From: [REDACTED]
Sent: 28 December 2018 10:43
To: Chris Taylor [REDACTED]

Cc: John Le Fondre <J.LeF@gov.je<mailto:J.LeF@gov.je>>; Richard Renouf <R.Renouf@gov.je<mailto:R.Renouf@gov.je>>
Subject: Fwd: 5G

Good morning
All the best for 2019

After the Extended Downing of Jersey Telecom across the Island over the last 24/36 Hours where the entire Doctors Medical Emergency callout system was down for an extended period, both Phone lines and Computer system.

Meaning patient's having to go to doctors Surgeries to make contact with a Doctors, Unfortunately the Doctors records being on computer these could not be accessed either , Why no back up in place .

We now hear that Jersey Telecom have signed a deal to explore/introduce a 5G network in Jersey. In essence, this is new technology designed to increase the speed of internet on our phones.

Should JT not put in back up systems of our existing network in place, before going down this route.

Whilst it's difficult to know the truth/veracity of the claims, there are lots of reports on the internet that this technology is unproven and may increase

the risk of cancer.

Why is it essential that we have to be first on this? Why not adopt a wait and see approach?

Please read through the attachment, which should be of grave concern to all.

Kind regards

██████████

https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.vox.com/platform/amp/2018/7/16/17067214/cellphone-cancer-5g-evidence-studies&ved=2ahUKEwjc7bPT8cHfAhU1ShUIHbpdAqsQFjABegQIBhAB&usg=AOvVaw1echo7_08rQ8DuLNRPI1C7&cf=1

----- End Of Message -----

Message 6

Message Key: 000314542957085187526530BF559026B76EABFA



From: Sarah Ferguson <sarah@sarahferguson.net>

To: [REDACTED] c.taylor@gov.je [REDACTED]

Cc: j.lef@gov.je, r.renouf@gov.je, l.norman@gov.je

Subject: Re: 5G

Date: Monday, December 31, 2018 09:58 UTC

And what is worse from the point of view of security is the fact that JT have a contract with a Chinese company to handle 5G - with all the security implications. The US, Australia, New Zealand, GCHQ, Mi6, Germany etc are either forbidding or speaking against the use of Chinese companies in crucial communications networks. The CEO of Siemens was also speaking against allowing Chinese companies to takeover tech firms in the West.

Kind regards SarahTel [REDACTED]

Message 7

Message Key: 00031454B2E12BBF372CA55F79F76425F1534DC8
From: [REDACTED]
To: "c.taylor@gov.je" <c.taylor@gov.je> [REDACTED]
Cc: j.lef@gov.je, r.renouf@gov.je, l.norman@gov.je
Subject: Fwd: 5G
Date: Monday, December 31, 2018 11:39 UTC



Amended message

Please delete police and replace with
fire and rescue services
Apologies for error



Sent from my iPad

Begin forwarded message:

> From: [REDACTED]
> Date: 31 December 2018 at 08:49:41 GMT
> To: "c.taylor@gov.je" <c.taylor@gov.je>, [REDACTED]
> Cc: j.lef@gov.je, r.renouf@gov.je, L.Norman@gov.je
> Subject: Fwd: 5G
>
> As per my e mail of 28th December 18
>
> Hi
>
> Jersey Telecom
> Having yet another drop out by JT this time Fire and Rescue and JEC are reported on BBC as having JT problems , this on top of the GP 24 hour emergency call out and patient computer records not being able to be accessed, and Banks unable to access clients accounts last week, this is getting serious, not only on island, but for the reputation of the island as finance Centre.
> Our Government need to get to grips with JT and put backup system in place , forget about 5G , before the Island loses the clients we have on island.
>
> [REDACTED]
>
>>
>> From: [REDACTED]
>> Sent: 28 December 2018 10:43
>> To: Chris Taylor [REDACTED]
>> Cc: John Le Fondre <J.LeF@gov.je>; Richard Renouf <R.Renouf@gov.je>
>> Subject: Fwd: 5G
>>
>>
>> Good morning
>> All the best for 2019
>>
>> After the Extended Downing of Jersey Telecom across the Island over the last 24/36 Hours where the entire Doctors Medical Emergency callout system was down for an extended period, both Phone lines and Computer system.
>>
>> Meaning patient's having to go to doctors Surgeries to make contact with a Doctors, Unfortunately the Doctors records being on computer these could not be accessed either , Why no back up in place .
>>
>> We now hear that Jersey Telecom have signed a deal to explore/introduce a 5G network in Jersey. In essence, this is new technology designed to increase the speed of internet on our phones.
>>
>> Should JT not put in back up systems of our existing network in place, before going down this route.
>>
>> Whilst it's difficult to know the truth/veracity of the claims, there are lots of reports on the internet that this technology is unproven and may

increase the risk of cancer.

>>

>> Why is it essential that we have to be first on this? Why not adopt a wait and see approach?

>>

>> Please read through the attachment, which should be of grave concern to all.

>>

>> Kind regards

>>

>> [REDACTED]

>>

>>

>> https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.vox.com/platform/amp/2018/7/16/17067214/cellphone-cancer-5g-evidence-studies&ved=2ahUKEwjC7bPT8cHfAhU1ShUIHbpdAqsQFjABegQIBhAB&usg=AOvVaw1echo7_08rQ8DuLNRPI1C7&cf=1

>>

>>

>>

>> Care : If you have received this email and it was not intended for you, please reply to the sender, and then delete it. Please treat our information in confidence. This communication may contain legal advice which is confidential and/or privileged. It should not be forwarded or copied to anyone else without the prior permission of the sender.

>>

>> Contract : This email does not form any binding agreement unless it is supported by an official States of Jersey purchase order form.

>>

>> Content : All States information systems may be monitored to ensure that they are operating correctly. Furthermore, the content of emails and other data on these systems may be examined, in exceptional circumstances, for the purpose of investigating or detecting any unauthorised use. This email has been scanned for viruses by the States of Jersey email gateway.

>>

>> Confidentiality and Privacy : The confidentiality of this e-mail and your reply cannot be guaranteed. As a public authority, the States of Jersey is subject to the provisions of the Freedom of Information (Jersey) Law 2011. Under this Law we may be required to disclose information we hold, including the contents of this email and any response to it, unless the information is protected from disclosure by an exemption under the Law or any other enactment, including the Data Protection (Jersey) Law 2018. We collect and process personal information about you under the Data Protection (Jersey) Law 2018. For more information on how we use your data please go to our privacy statement pages on www.gov.je.

----- End Of Message -----

Message 8

Message Key: 00031454F54F07E75B311DF6302514F866CDCD61



From: [REDACTED]
To: Richard Renouf <R.Renouf@gov.je>
Subject: Re: 5G proposed rollout
Date: Tuesday, February 05, 2019 22:42 UTC

Dear Mr Renouf,

To date I have not received any further news from your department. Please would you provide details of the relevant officer so that I may be able to liaise with them directly.

I wish to draw your attention to the attached paper and respectfully request that you and your team review the content.

https://europaem.eu/attachments/article/131/2018-04_EU-EMF2018-5US.pdf

I welcome your comments and thoughts. The paper clearly provides detailed evidence of the dangers that this technology will evoke on every single living organism.

The detrimental health effects on humans, especially children will be immediate. Flora and fauna will also be affected and potentially have devastating consequences for the island.

Citizens of Jersey must be made aware of the dangers of this technology and a public consultation should be held before any rollout is commenced.

Thank you and best regards,
[REDACTED]

Message 9

Message Key: 000314B0678404BE75101FB8C6F92D8BAB61BF0C
From: [REDACTED]
To: r.renouf@gov.je
Subject: Invitation to be present during 4G Cell Mast Emission Testing
Date: Wednesday, May 08, 2019 09:44 UTC



> Dear Sir

>

> As you know there has been an increase in the mainstream media coverage of 5G and some concerns have been raised amongst certain groups as to its safety and possible long term health effects.

>

> I am undertaking a 4G mast emission survey on Jersey later this month with the assistance of an independent EMF consultant from the UK and as part of the process the survey will be filmed and later edited and released to the general public via social media and the press.

>

> I would very much like to invite you to witness the mast emission survey that we are conducting at various places in Jersey as this may be of interest to you?

>

> My main concern is with 5G but obviously there is no way for us to test these emissions at present but I will be doing a comparative study once 5G is implemented.

>

> I would also like to request that someone from JT could make themselves available to answer any technical and practical questions relating to the implementation on 5G in Jersey as there seems to be a lot of very emotional and unsubstantiated claims being made about the technology that quite easily be cleared up with the correct information being circulated.

>

> The testing is to be carried out on May 31st and if you would like to attend all or part of the day then please let me know so that I can inform you of the details closer to the time.

>

> Warmest Regards

> [REDACTED]

> [REDACTED]

----- End Of Message -----