**INFORMATION KIT FOR COUNCILS**

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**How to use this “Kit”**

* Personalize the sample cover letter found on Page 3
* Save your letter as a new document then delete it from this “Kit”. The page numbering in the Table of Contents has been adjusted to allow for the deletion of the letter.
* Delete this text from this cover page before sharing : )
* Send or deliver your letter and this “Kit” to your local government
* Find More Tips and Tools for Educating your Local Leaders [HERE](https://thecalm.ca/tool-kit/spread-the-word/tools-for-local-governments)

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**SAMPLE COVER LETTER TO COUNCIL**

*Personalize and send this letter to your council along with the rest of this Info Kit.*

**Tips:**

1. Delete the letter from the body of this document before sending the kit

2. The page numbering of the Table of Contents has been adjusted to allow for the deletion of the letter.

3. Before sending, make sure you have also deleted the text block on the cover page.

To ­­­\_\_\_\_\_\_\_Council,

Thank you for your interest in learning more about 5G, and investigating actions to ensure the health and safety of the \_\_\_\_\_\_\_ community. We believe 5G, the next generation of wireless technologies, is one of the most critical issues currently facing our community and the world.

Clearly, 5G will expose us to increased levels of radiofrequency (RF). There will be more towers, more antennas, and more wirelessly connected devices. To date no telcom, no government, no regulatory body and no council can guarantee its safety.

That is because radiofrequency fields used in current telecommunications and wireless technologies have demonstrated serious biological effects. Scientists warn of symptoms ranging from cellular DNA, infertility, and cancer to insomnia, chronic fatigue, chronic pain, mood disorders, heart palpitations, and skin and eye problems.

**Here are some critical things to note:**

• **Dense network of small cell technology**: 5G networks deploy short, high-frequency electromagnetic waves that travel short distances (a few hundred metres). Once fully implemented, 5G will predominantly operate in the millimetre (mm) radiofrequency band (at 24- 86+ GHz) but also will use the existing 4G LTE frequency band (600 MHz to 6 GHz). In order to achieve a seamless integrated wireless system, “small cell” antennas are slated to be placed about every 250m. Cell tower studies show that at some power densities, symptoms of microwave radiation sickness occur within about 300m of a cell tower. There will be millions of new mobile base stations deployed worldwide and tens of thousands of 5G enabled satellites in our skies.

• **Minimal impact often means higher potential health impact:** *Innovation, Science and Economic Development Canada* classifies certain installations as having a “minimal impact”, such as antennas placed on existing structures like hydro poles, which means the public need not be consulted or notified before these antennas are installed. Minimal impact means low visual impact and has nothing to do with health, yet it makes it easier for telcoms to install antennas.

• **Scientific evidence demonstrating harm**: More than 10,000 peer-reviewed scientific studies demonstrate harm to human health from radiofrequency electromagnetic radiation (RF-EMR). For vital non-industry linked research on this subject visit the [Oceania Radiofrequency Scientific Advisory Association I](https://www.orsaa.org/)nc. (ORSAA) and read [the BioInitiative Report](https://bioinitiative.org/).

• **International call for halt to 5G**: In 2017, the [*5G Space Appeal*](https://www.5gspaceappeal.org/) (now signed by more than 300,000 scientists and organizations) was submitted to the European Commission. The appeal recommends a moratorium on the rollout of 5G until potential hazards to human health and the environment have been fully investigated by scientists who are independent from industry. Over 20,000 Canadians have signed [this Appeal](https://www.appel5gappeal.ca/) to the government of Canada to Suspend 5G and promote fast, safe, energy efficient, wired-to-the-premises fiber optics.

• **Links between funding & scientific bias**: Industry and some government and regulatory bodies continue to state that the evidence showing RF-EMR causes biological harm is inconclusive. However, studies link the source of funding to scientific bias. [Huss et al. (2007)](https://www.ncbi.nlm.nih.gov/pubmed/17366811) performed a systematic review regarding the association of mobile phone use and brain tumors in relation to funding. He found that industry studies showed a positive association 33% of the time, whereas non-industry studies showed an 82% association.

• **Studies are outdated and inadequate**: Current guidelines for non-ionizing radiation exposure were developed three decades ago and are based on heating of tissues over short exposure periods (6 min for controlled and 30 min for uncontrolled exposure). There is international scientific consensus that the current “safety” guidelines for radiofrequency electromagnetic energy used in wireless technologies are outdated and not adequate. The *International Commission on Non-Ionizing Radiation Protection* (ICNIRP) standards, which are the basis for standards used worldwide, contain no long-term exposure guidelines and no guidelines for low level, non-thermal or biological effects.

• **Children most at risk**: Research shows children - who are most sensitive - absorb more microwave radiation per body weight than adults do. However, standards were developed for adult bodies, and no research has been done to prove that the RF exposure levels permitted by our current standards are safe for children. In addition, given that *the World Health Organization (*WHO) has classified RF-EMR as a “possible carcinogen”, it is unlikely it is completely safe.

• **A threat to data security:** 5G will lead to the Internet of Things (IoT), where everything from toasters to dog collars, dialysis pumps to running shoes, will be connected. If the IoT unfolds as planned, remote robotic surgery will be routine, the military will develop hypersonic weapons, and autonomous vehicles will cruise along smart highways. Adding more devices to the online universe is destined to pose severe threats to cyber security and create more opportunities for data piracy. It puts our power grid, our banking systems, and the infrastructure that supports our lives at risk.

• **A major contributor to global climate change:** Wireless networks use an estimated 10 times more energy than wired ones. The manufacturing of the digital devices 5G demands is forecast to have a huge carbon footprint. Given the current global climate crisis, investing in energy-guzzling wireless technology is unwise and imprudent.

**Your Role & Responsibility**

Even if you believe the hype that 5G technology may have many unimagined uses and benefits, it is increasingly clear that significant negative consequences to human health and ecosystems could occur if it is widely adopted. Let’s learn from tobacco, where the science showing evidence of harm was negated and denied for decades, until overwhelming research shifted the debate and protective regulations followed.

Extraordinary leaders are grounded in an ethic that puts people at the center of all decisions and actions. The work of sane leaders is to ensure that the organization, community or team stays open to information and uses that information to make realistic and intelligent responses.

Local governments can and must be informed about the risks and liability involved with permitting microcells to be installed in our neighbourhoods. Major insurers will not cover claims made due to electromagnetic harm. Significant international agreements like the Nuremberg Code – experimenting on a population without their consent – as well as other charges such as trespass, and even assault causing bodily harm may be foreseen, and will lead to costly litigation.

We urge Council to consider all these issues and take steps to protect the safety of the community.

 lncluded in this information pack are suggested steps Council may take in response to the 5G rollout by telecommunications carriers in \_\_\_\_\_\_\_\_\_\_\_\_\_\_. **We urge Council to obtain legal advice on this complex area as early as possible so that it is prepared for the proposed 5G rollout.**

We have also included examples of steps other councils and authorities worldwide have taken to adhere to the Precautionary Principle, along with a list of links and resources for further research.

We trust that together, Council and community can advocate for public well-being.

We look forward to meeting with Council to discuss this matter in more detail sometime in the next two weeks.

Sincerely,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Group

**INFORMATION KIT FOR COUNCILS**

*Adapted by CALM from the* ***We Are the Solution*** *Community Kit from Australia*

**[SETTING THE SCENE](#TOC)**

Telecommunications carriers are currently preparing to launch 5G across Canada. The federal government held a Spectrum auction in 2019 that released the first set of frequencies needed for 5G. In June 2021, they plan to sell two other sets of frequencies, most notably frequencies in the millimeter wave range, to complete the spectrum of 5G radiowaves available in Canada.

As the telecoms wait for the spectrum to be released, they are rolling out fiber across the country - as fiber is the backbone of 5G - often using federal connectivity grants to help pay for it, and installing 4G microcells antennas along this fiber. Although 3G, 4G and 5G will co-exist, many of these 4G small cell transmitters will be replaced with 5G antennas when the spectrum required has been made available.

 According to US-based *Physicians for Safe Technology*: “The actual 5G radio system, known as 5G-NR, isn’t compatible with 4G. But all 5G devices in the US, to start, will need 4G because they’ll lean on it to make initial connections before trading up to 5G where it’s available. That’s technically known as a “non standalone,” or NSA, network.”

As planned, initially 5G will be a blend of previous generations of communications networks. Once telecommunication companies have received permission from a landowner to install a 4G small cell, they may replace it with a 5G transmitter without notifying councils or the public.

**Bearing this in mind, we ask that you make formal requests to TELUS, Shaw, Rogers and/or Bell for as much information as possible about their microcell and 5G-related short-term and long-term plans for our region, including but not limited to:**

**New towers and monopoles**

1. New microcell installations
2. Upgrades to existing towers to make them 5G ready
3. Installations in/on street lights, utility poles, traffic lights and buildings; and
4. Smart nodes.

***This will give you earlier notice of proposed installations than the carriers would otherwise provide.***

[**5G AND THE FCM – SETTING THE RECORD STRAIGHT**](#TOC)

As community leaders, keeping on top of technological change and telecommunications policy is essential, yet often overwhelming.

In February 2020, the Federation of Canadian Municipalities (FCM) published [Getting it Right: Preparing for 5G deployment in your municipality](https://thecalm.ca/wp-content/uploads/2020/06/Getting-it-wrong-in-Getting-it-right_Preparing-for-5G-deployment-in-your-municipality.pdf), a guide designed to help municipalities deal with the practical, policy and logistical implications of 5G technology in local communities.

This FCM document, however, contains several half-truths, mistruths and framing tactics, which result in a biased, misleading and generally inaccurate guide.

To set the record straight and to support you in making informed decisions, [CALM](https://thecalm.ca) has prepared this response: [**Getting it wrong in “Getting it right: Preparing for 5G deployment in your municipality”**](https://thecalm.ca/wp-content/uploads/2020/06/Getting-it-wrong-in-Getting-it-right_Preparing-for-5G-deployment-in-your-municipality.pdf)

 The document is clear, easy to read and will help you understand the myths and misconceptions surrounding 5G.

**[KEY FACTS ABOUT FEDERAL AND MUNICIPAL JURISDICTION OVER ANTENNA SITING AND INSTALLATIONS IN CANADA](#TOC)**

**THE NUTS AND BOLTS**

Every wireless and 5G installation consists of fiber optic cables that carry the data from transmitter to transmitter, and the transmitters themselves. (These transmitters go by a number of names: microcells, small cells, wireless antennas, small cell towers, micro cell installations, minicells, and wireless transmitters to name a few.)

**Fiber optic Cables** fall under the *Telecommunications Act*. They are regulated by the *Canadian Radio- Television and Telecommunications Commission* (CRTC). Municipal approval is required before fiber optic cables are installed along our streets. Some cities use [this model agreement](https://fcm.ca/en/resources/antenna-system-siting-protocol-template) co- created by the *Federation of Canadian Municipalities* (FCM) and the CWTA to regulate telecoms’ access to municipal rights-of-way.

**Microcells** fall under the *Radiocommunications Act*. They are regulated by *Innovation, Science, and Economic Development Canada* (ISED) and as outlined in ISED’s antenna siting guideline [CPC-2- 0-03](https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08777.html) , no public consultation is required before they are installed on existing structures.

 Before microcells are installed on public roads, telecoms must sign license agreements with whoever owns the right of way. Usually local governments own their own streets and utility poles, but in some rural communities in Canada, the provincial government owns the roads and the hydro company may own the poles.

**RIGHT OF WAY ACCESS AND POLE LEASING AGREEMENTS**

If cities own their own utility poles, they may charge telecoms an annual fee for obtaining access to install microcells on these poles.

[Here is a 2015 protocol for placing antennas on utility poles](http://council.vancouver.ca/20150708/documents/cfsc3.pdf) on public streets created by the City of Vancouver.

This 2015 Vancouver protocol recommends charging $250 per microcell per year. Given the very real public health impacts of wireless technology, many residents would gladly pay $250 a year to *not* have a microcell installed by their home.

Although the regulation of microcells falls under federal jurisdiction in Canada, there is one unchallenged Canadian legal precedent that supports the proposition that local governments may regulate the commercial aspects of a telecommunications undertaking. (R. v. City of New Westminster (1966), 55 D.L.R. (2d) 613 (B.C.C.A.)

**THE PROBLEMS**

* Unlike regular cell towers, ISED exempts microcells that are placed on existing structures from undergoing a public consultation process.
* Like leaving the fox in the henhouse, ISED has telecoms self-regulate their radiation-emission levels. [This 2014 report](https://www.scribd.com/document/242264294/Cellphone-Boom-Spurs-Antenna-Safety-Worries) shows that in the States, where similar “self-monitoring” regulations apply, 1 out of 10 cell towers sites violate the rules.
* Even if individual microcells are compliant, Canada’s radiation exposure guideline, Safety Code 6, which has not had any major revisions in 30 years, is [inadequate and outdated](http://c4st.org/safety-code-6/). If Safety Code 6 were a speed limit it would be 4,800 Km per hour. If the standards recommended by the European Academy for Environmental Medicine were a speed limit, it would be 15 Km per hour.

[This diagram](https://thecalm.ca/wp-content/uploads/2021/03/Why-how-Health-Canada-the-Wireless-Industry-Measure-Emission-Levels-is-Misleading.pdf) shows why the method used by Health Canada and industry to measure emissions is misleading. [This document](https://thecalm.ca/wp-content/uploads/2021/03/C4ST-Factchecks-GoC-websites-final.pdf) fact-checks statements made on Government of Canada websites which do not accurately address the truths about wireless technology.

* As competitors aim to corner the cellular and wireless market, there is no control over how many microcells are placed on any one street. Once again, it is left to industry to make sure the cumulative radiation level of all of this wireless equipment meets our antiquated Safety Code 6.
* The rollout of 5G is deemed a data privacy and national security risk by experts worldwide.
* Wireless networks use 10 more energy than wired networks do, and are not “green”. The proliferation of microcells and smart technology is contributing to global climate change.
* The privacy, health and environmental risks posed by placing wireless transmitters in close proximity to where citizens live, work , study and play raises questions of insurance and liability. Most major insurers will not cover claims arising from electromagnetic radiation. By allowing potentially uninsurable infrastructure in the public rights-of-way, are local governments putting themselves in jeopardy?

[**LEGAL CONSIDERATIONS**](#TOC)

**Read a deeper analysis of 5G, EMF and Canada** [**Here**](https://thecalm.ca/wp-content/uploads/2020/12/The-Law-EMF-5G-in-Canada_Summary-Document_With-Table-of-Contents.pdf)**.**

**Civil Liberties**

In April 2019, [the Canadian Civil Liberties Association launched a suit against three levels of government](https://www.bbc.com/news/world-us-canada-47956760?fbclid=IwAR3ETM3YZGzdSUSxDRVm21g7i_3wyROaeR5IaYkKXDGIZjF01QcRlJzsEyQ) over a Google-backed plan to build a smart neighbourhood in Toronto, stating the project will increase unlawful public surveillance. Google subsequently ended the project.

**Human Rights**

Councils in Canada have power under the *Local Government Act* to protect the health of the citizens they represent. In November 2019, [Danish attorney Christian F. Jensen published a paper](http://www.tacinterconnections.com/index.php/allnews/researchsurveys/3186-legal-opinion-on-whether-it-would-be-in-contravention-of-human-rights-and-environmental-law-to-establish-the-5g-system-in-denmark) that concluded it would be in contravention of human rights and environmental law to establish the 5G-system in Denmark.

A growing number of the population is electrosensitive, meaning they are greatly if not totally incapacitated by wireless frequencies. The Accessible Canada Act recognizes this as a disability. Placing 5G everywhere on earth and in space is in violation of this Act.

Despite ample scientific proof that radiofrequency radiation causes biological harm, 5G has not been safety tested before its release. The EU [Scientists 5G Appeal](http://www.5gappeal.eu/scientists-and-doctors-warn-of-potential-serious-health-effects-of-5g/) signed by over 400 scientists, cites this as a violation of the Nuremberg Code, which states that people have a right to not be experimented on without their knowledge and against their will. Especially when it is known that disabling illness can result.

**Assault**

Barrister Raymond Broomhall (Michael Kirby Chambers) of Australia has raised the possibility that the implementation of 5G without informed consent could open up carriers and governments to risk of civil and criminal liability in accordance with the legal definition of assault.

The basic definition of assault in Canada is the use of force, either directly or indirectly, against another person without their consent.

Scientific evidence suggests we must treat radiofrequency radiation as dangerous to health and as a CARCINOGEN that is dangerous to life itself. So, when a small cell tower is placed “up close and personal” to people, these people must be regarded as being under “assault” by a carcinogen. Since that assault can result in severe illness or death, these people are under “assault from a weapon causing bodily harm”. This is against the law. An important point to note; in Canada the threat of assault is all that is required for an assault charge to be legally given. Actual injury does NOT have to occur in order for an assault charge to occur.

**[STEPS COUNCILS CAN TAKE TO SUPPORT THE COMMUNITY](#TOC)**

**Support your community’s objections to 4G or 5G upgrades and installations**:

1. Make sure you have the most protective antenna siting policy possible in place. Use [this easy checklist](https://thecalm.ca/wp-content/uploads/2021/01/Checklist-for-Antenna-Siting-Protocols.pdf) and [this detailed guide](https://thecalm.ca/wp-content/uploads/2020/12/Creating-a-Proactive-Antenna-Siting-Protocol_-Small-Cell-Licensing-Agreement_Version-6.pd) to help you create one. Content suggestions include:
* Create local microwave radiation protection standards that are more protective than Safety Code 6. ([Toronto](https://thecalm.ca/wp-content/uploads/2021/03/Toronto%E2%80%99s-Prudent-Avoidance-Policy-on-Siting-Telecommunication-Towers-and-Antennas.pdf) and [Salt Spring](https://thecalm.ca/wp-content/uploads/2020/02/Salt-Spring-Cellular-Antennae-Proposal-Form.pdf), BC have done this.)
* Require a full and well-publicized community consultations hosted by the City prior to making any decision on the rollout of 4G/5G microcells.
* Demand that carriers submit a development application and detailed plan for every proposed installation.
1. When you receive notification of imminent upgrades to mobile phone towers or proposed installation of microcells, make sure the proposal meets the stipulations outlined in your Antenna Siting Protocol.
2. lf an installation does not comply with your Antenna Siting Protocol you may refuse the antenna by sending a letter of non-concurrence to ISED.
3. Pass a resolution banning 5G until it has been proven safe by a panel of medical doctors and scientists recommended by the Environmental Health Clinic at Women’s College Hospital in Toronto, Ontario, Canada. [Here is a list](https://smombiegate.org/list-of-cities-towns-councils-and-countries-that-have-banned-5g/?fbclid=IwAR2KGbXDLR67a8xSJs7ZPXp4DS_bsUApY_6BiO1ynt_0QH5omGWbjgDEsuU) of some of the governments worldwide who have done this. [Here is a draft resolution](https://thecalm.ca/5g-resolution-for-canada) you can adapt.
4. Contact provincial and federal government ministers and voice your community’s concerns about the lack of credible safety testing of 5G technology.
5. Urge your regional, provincial and federal associations of municipalities to lobby the federal government to remove the loophole in [CPC-2-0-03](https://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08777.html) that allows microcells to be placed on existing structures with no public consultation.
6. Call on the federal government to create a more protective Safety Code 6 and to impose a moratorium on 5G until it is proven safe.

**[WHAT GOVERNMENTS WORLD-WIDE ARE DOING TO STOP 5G](#TOC)**  *(Updated January 2021*)

Here is a partial list of steps policymakers from around the world are taking to prevent 5G and 4G antennas from being deployed without proper safety testing. For updates, [check here](https://ehtrust.org/policy/).

**AUSTRALIA**

**Randwick**

In October 2018, [the City Council of Randwick resolved](https://www.randwick.nsw.gov.au/about-council/news/news-items/2019/march/tpg-small-cell-towers-will-not-roll-out) that the proposed 5G roll out came at a time when international research reported a link between cell tower radiation and the development of cancer. They called on their federal government to intervene, and suspended the 5G roll out in their community.

**BELGIUM**

**Brussels**

April 1, 2019 – [The Brussels Government bans 5G**.**](https://www.hln.be/in-de-buurt/brussel/brusselse-regering-weigert-5g-brusselaars-zijn-geen-proefkonijnen~a92c8130/?referer=https%3A%2F%2Fwww.google.com%2F&referer=https%3A%2F%2Fwww.protxs.com%2Finternational-actions-to-halt-and-delay-5g%2F)“People from Brussels are not guinea pigs,” says Environment Minister Céline Fremault.

**BERMUDA**

October 2020 - The Regulatory Authority of Bermuda temporarily banned deployment of 5G services pending the result of a [Radiofrequency and 5G Safety](https://www.ra.bm/documents/radiofrequency-and-5g-safety/?wpdmdl=15984&refresh=5f9dffe695b201604190182)public consultation process.

**BULGARIA**

In October 2020, the town of Balchik [imposed a moratorium](https://ehtrust.org/balchik-bulgaria-imposes-moratorium-on-5g/) on 5G.

**CANADA**

**Pitt Meadows, BC**

In July 2019, the [council of Pitt Meadows passed a resolution and wrote letters](http://www.stopsmartmetersbc.com/wp-content/uploads/2019/07/Letter-to-MP-Dan-Ruimy-from-Mayor-Bill-Dingwall-re-Radiocommunications-Tower-at-19675-Meadow-Gardens-Way-Pitt-Meadows-BC-July-25-2018-sb-2019.pdf) to federal and provincial representatives asking that a precautionary stance be taken on the rollout of 5G.

**Bloc Quebecois**

In October 2019. the Bloc Quebecois voted "in favour of a moratorium on the establishment of the 5G network ... that scientific studies be entrusted to an independent and autonomous commission ... respecting the precautionary principle."

**Green Party of Canada**

In their 2019 election platform, the Green Party of Canada stated: “A green government will strike a parliamentary committee to examine the implications of introducing 5G technologies…”

**Hornby & Denman Islands, BC**

In November 2019, [the communities of Denman and Hornby](http://willthomasonline.net/hornby--denman-islands.html) took proactive measures towards building a wired-to-the-premises fiber optic network as a way of preventing wireless 5G from coming to their islands.

**Sutton, Quebec**

In December 2019, the Council of Sutton, Quebec unanimously passed [this resolution](https://sutton.ca/wp-content/uploads/2019/12/WEB-Proc%C3%A8s-verbal-S%C3%A9ance-du-2019-12-02.pdf) :” TO REQUEST the federal government, following the precautionary principle, to decree a moratorium on the deployment of the 5G cellular network, until the various studies reach a consensus on the absence of risk and impact of 5G cell technology on health and the environment.”

**CYPRUS**

## In September 2020, [the Ormidia community council declared their village a 5G free zone](https://ehtrust.org/ormidia-cyprus-declares-village-5g-free-zone/).

* In Septemebt 2019 The Pancyprian Medical Association and Cyprus National Committee on the Environment and Child Health have published a position paper on 5G entitled “[The Risks to Public Health from the Use of the 5G Network”](http://paidi.com.cy/common-positions-5g-2019/) .
* Cyprus has already launched a [public information campaign](https://ehtrust.org/cyprus-launches-wireless-radiation-awareness-campaign/) with large-scale education signs on buses and the Archbishop Makarios Hospital has [removed wireless](https://ehtrust.org/hospital-launches-initiative-to-reduce-wireless-radiation-exposures-to-children/) transmitters from pediatric units.

**ITALY**

 Over [600 cities in Italy](https://www.alleanzaitalianastop5g.it/443193497?fbclid=IwAR3LFXs4OFYePflG2suxoy7HPi7oe9JIQUaiYP8Wj3t35bjPethTAv6Ptc4)have passed resolutions to halt 5G.

**Florence, Rome**

March, 2019 - [Florence applied the precautionary principle and blocks 5G](https://oasisana.com/2019/04/05/provoca-danni-al-corpo-firenze-frena-sul-5g-e-applica-il-principio-di-precauzione-approvata-con-voto-quasi-unanime-la-mozione-in-difesa-della-salute-notizia-esclusiva-oasi-sana/?fbclid=IwAR2By61ogzdlgee4Lx5zf-Kryic17AqmuR4h9) stating that “it causes damage to the body” and [a moratorium on 5G was passed in Rocca di Papa (Rome](https://www.terranuova.it/News/Attualita/Un-Municipio-di-Roma-vota-contro-il-5G-cosa-fara-la-Giunta?fbclid=IwAR3aF3PUoI0CIuxeLo3TNU7wwyDXSOumhEY31IZH9e2oyOSRVJtrOwB071M)), with the city council declaring: “We do not authorize technologies that can aggravate our health.”

**THE NETHERLANDS**

In April 2019, [the Netherlands House of Representatives determined](https://www.ad.nl/tech/kamer-wil-eerst-stralingsonderzoek-dan-pas-5g-netwerk~ab567cd6/?referrer=https://www.protxs.com/international-actions-to-halt-and-delay-5g/) that research on the health impacts of radiation must be carried out before 5G networks are approved.

**SWITZERLAND**

**Vaud, Geneva, Neuchatel**

In April 2019, [the Swiss Cantons of Vaud, Neuchatel and Geneva passed resolutions blocking the deployment of 5G](https://www.abc.es/sociedad/abci-suiza-bloquea-despliegue-telefonia-hasta-demuestre-seguridad-201904140146_noticia.html?fbclid=IwAR3IKutPpLdkYHyzEGzP1FVA0VFD4TAWww7BOfReiY9KsOO6lupfz4qIL9A#ns_campaign=rrss-inducido&ns_mchannel=abc-es&ns_source=fb&ns_linkna) until it is proven safe. [Geneva](https://www.20min.ch/schweiz/news/story/Genf-stoppt-Bau-von-5G-Antennen-28253508?fbclid=IwAR27TH3S66NQTAxUMEoL5Klh-tdq-BYjOdp1qiiYhKBLRu-5AC-jLrCfqro) adopted a motion calling for a moratorium on 5G and asking the WHO to monitor independent scientific studies to determine the harmful effects of 5G.

**UK**

**Glastonbury Council**

In June 2019, Councillor Mike Smyth said, “This council has a duty of care to the people of Glastonbury and our environment, and we should protect them from potentially harmful situations.” [Glastonbury Town Councillors passed a motion opposing the introduction of 5G technology](https://www.somersetlive.co.uk/news/local-news/glastonbury-council-opposes-5g-roll-2998413) in Glastonbury until further information has been obtained on the health effects on residents.

**USA**

**California**

In April 2019, [California Supreme Court Justices unanimously upheld a 2011 San Francisco ordinance](https://www.govtech.com/policy/California-Supreme-Court-Sides-with-Cities-in-Small-Cell-Faceoff.html) requiring telecommunications companies to get permits before placing antennas on city infrastructure.

**Fairfax, California**

October 2018 - [Small cells are prohibited in residential zones](file:///C%3A%5CUsers%5COona%5CDocuments%5CCALM%5CWords%5CDocs%20to%20Upload%5CDocuments%20for%20Local%20Governments%5CTo%20Upload_Jan_20%5Cstudy%20the%20viability%20of%20fiber%20network%20in%20place%20of%20new%205G%20antennas) and the community studies the viability of fiber networks as an alternative to 5G.

**Mill Valley City Council, California**

In September 2018, [Mill Valley City Council voted unanimously to block](https://techcrunch.com/2018/09/10/bay-area-city-blocks-5g-deployments-over-cancer-concerns/) 5G towers in their city citing cancer concerns, and enacted an urgency ordinance to regulate ‘small cell’ towers.

**Petaluma, California**

In July 2018, [council created a policy](https://www.petaluma360.com/news/8567587-181/petaluma-sets-cell-phone-tower) establishing that no small cells shall be within 500 feet of any residence.

**Baton Rouge, Florida**

May 2019 – The rising concern of residents over the installation of small cell towers in neighborhoods prompted [Baton Rouge Mayor Sharon Weston Broome to request that AT&T suspend its build out](https://www.businessreport.com/newsletters/baton-rouge-resident-concerns-prompt-halt-to-att-small-cell-tower-installation).

**Hallandale Beach, Florida**

On April 3, 2019 [the Hallandale Council unanimously passed a resolution](https://ehtrust.org/hallandale-beach-florida-passes-5g-small-cell-tower-resolution/) urging the state legislature and the federal government to initiate a study of the health effects of small cell towers built to accommodate 5G and to develop installation guidelines protecting the health and welfare of residents.

**Carmel City Council, Indiana**

**On October 22, 2019,** [the Carmel City Council approved a resolution](https://www.ibj.com/articles/carmel-council-urges-lawmakers-fcc-to-limit-5g-technology-deployment-further-study-health-impacts) asking state lawmakers, the Federal Communications Commission and Congress to limit 5G technology deployment in Indiana until the health effects are fully understood.

**Louisiana**

In May 2019, [the State of Louisiana, unanimously voted](https://legiscan.com/LA/text/HR145/2019) to call for a study of the effects on health and environment before 5G is implemented.

**New Hampshire**

In June 2019, the State of New Hampshire [passed a Bill](https://trackbill.com/bill/new-hampshire-house-bill-522-establishing-a-commission-to-study-the-environmental-and-health-effects-of-evolving-5g-technology/1630657/?fbclid=IwAR28psMtRFU7mBGMmA8SKxoS0AIkf8LzcQR7e7vO_MiifUzs0N4GfUNcLC4) calling for **“**establishing a commission to study the environmental and health effects of evolving 5G technology “. In November 2020, the New Hampshire Commission issued [this landmark report](http://www.gencourt.state.nh.us/statstudcomm/committees/1474/reports/5G%20final%20report.pdf) discussing 5G Health Risks.

**Portland, Oregon**

In March 2019, [Portland, Oregon city officials stated clear opposition to the installation of 5G](https://gizmodo.com/portland-lawmakers-want-to-block-5g-rollout-citing-sha-1833253078) networks based on health risks.

 **Greendale, Wisconsin**

In November 2018, [the Board of Trustees of the Village of Greendale, Wisconsin, passed a Resolution](http://www.greendale.org/docs/Resolution%20R2018-20%20-%20Expanded%20Use%20of%20Highway%20ROW%20by%20Cell%20Providers%20AMENDED2.pdf) citing that the FCC’s small cell tower placement policy is an unprecedented attack on local control of ... the public rights-of-way... ; threatens the Village’s responsibility to protect the health, safety and welfare of its residents; and threatens the Village of Greendale’s designation as a National Historic Landmark.

The Village asked the FCC for changes that maintain a reasonable level of local control.

**[LEARN MORE](#TOC)**

* Get a quick overview of the issues linked to 5G [Here](https://thecalm.ca/small-cells-big-problems).
* Read this accessible categorized [PRIMER](https://thecalm.ca/wp-content/uploads/2020/12/Primer-Microcells-and-5G-in-Canada_January-1_2021.pdf)
* Access the best websites on wireless safety and 5G [here](https://thecalm.ca/tool-kit/resources-to-share/websites)
* Read this [Simple Summary of 78 Studies](https://thecalm.ca/wp-content/uploads/2020/01/Cell-Tower-Studies-Final.pdf) that show health effects caused by cell towers
* Read this very [short overview](https://thecalm.ca/wp-content/uploads/2020/01/Substantial-Evidence-of-Health-Harm_Overview.pdf) that shows substantial evidence linking RF-EMR to biological harm