

Green Party of Canada – 2020 Proposal Submission Form**Submitter**

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Submitter Email

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Objective (50 words or less)

To apply the Precautionary Principle regarding ubiquitous non-natural electromagnetic radiation such as radiofrequency radiation from cell tower network antennas, microcells (including 5G small antennas), smart meters and WiFi, by using wired technologies whenever possible. Science demonstrates that nEMR below current safety guidelines can harm human health and wildlife.

Benefit (50 words or less)

Less wireless radiation would reduce risk to human and environmental health. Wired fibre-to-the-premises (FTTP) network connections are safer, more resilient, reliable and secure than wireless technologies. Fibre is more energy efficient and long-lasting, and does not interfere with weather forecasting nor astronomical research.

Principles

Ecological Wisdom, Sustainability, Respect for Diversity, Social Justice

Type of Proposal

Political policy proposal

Proposal

The GPC supports a comprehensive coordinated broadband internet access strategy to enable high speed internet access for every Canadian using fibre-to-the-premises whenever possible instead of satellites and other wireless technologies, including 5G; and that ALARA (As Low as Reasonably Achievable) be the goal for wireless radiation exposures.

Relation to Existing Policy -check one box

Check this - Rescind and replace existing policy

If so, which policy is rescinded:

4.1 Buildings and Infrastructure

C. Universal Internet Access

The GPC supports a comprehensive, coordinated broadband internet access strategy to enable high speed internet access for every Canadian.

Evidence (no more than 5)

1. Harm of nnEMR to humans:

a) Evidence that radiofrequency radiation from wireless technologies can be carcinogenic at levels below current safety limits (Health Canada's Safety Code 6 (2015)) and that this environmental biologically active agent belongs in the same group as asbestos and cigarette smoke: Miller et al. (2018). *Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields (Monograph 102)*. Environmental Research 167. <https://pubmed.ncbi.nlm.nih.gov/30196934/>

b) Miller, et al. (2019) *Risks to Health and Well-Being From Radio-Frequency Radiation Emitted by Cell Phones and Other Wireless Devices*. Frontiers in Public Health 7. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6701402/>

Lead author, Dr. Anthony Miller, is a Canadian MD, epidemiologist and former advisor to the World Health Organization.

2. Harm of nnEMR to wildlife - two examples of many studies published in peer-reviewed journals:

a) Lazaro et al. (2016). *Electromagnetic Radiation of Mobile Telecommunication Antennas Affects the Abundance and Composition of Wild Pollinators*. Journal of Insect Conservation 20: 315–24. <https://doi.org/10.1007/s10841-016-9868-8>.

b) Schwarze et al. (2016). *Weak Broadband Electromagnetic Fields Are More Disruptive to Magnetic Compass Orientation in a Night-Migratory Songbird (Erithacus Rubecula) than Strong Narrow-Band Fields*. Frontiers in Behavioral Neuroscience 10: 55. <https://doi.org/10.3389/fnbeh.2016.00055>.

3. Green Parties in Europe are speaking out about implications for climate change and other concerns: O'Brien C. 2020. *France's 5G plans fuel divisions over environmental and economic impact*. VentureBeat. <https://venturebeat.com/2020/10/12/frances-5g-plans-fuel-divisions-over-environmental-and-economic-impact/> Quote from the article: "If these figures are correct, we can't deploy 5G without having a clear vision of the increase in electricity consumption that it will induce," L'Union Mayor Marc Péré said in an interview with La Dépêche. "We cannot launch blindly into this deployment without studying the question of electricity consumption."

4. Conflicts of Interest in bodies looked to for guidance for setting of guidelines/standards for wireless radiation: Members of the European Parliament in Green parties recently released a report outlining the conflicts of interest in two organizations, the International Commission on Non-ionizing Radiation Protection and the World Health Organization's International EMF Project. These bodies are considered to be authorities by Health Canada for setting its radiofrequency exposure guidelines. <https://klaus-buchner.eu/wp-content/uploads/2020/06/ICNIRP-report-FINAL-19-JUNE-2020.pdf>

5. *Urgent Appeal to the Government of Canada to Suspend 5G Rollout in Canada* – supported by 24 Canadian grassroots organizations and signed by more than 18,000 Canadians. This Appeal and its Supplemental Materials provides a good overview of the wireless radiation potential impacts on humans and the environment, substantiated with high quality scientific studies. <http://c4st.org/5Gappeal/>

Consultation

Does this proposal affect any other group and what efforts have been made to consult with this group or groups?

Jurisdiction

Is this proposal under federal jurisdiction?

Yes

Support

- any EDA
- other party meeting?

If so, indicate the EDA

If so, describe the event

Sponsors (need at least 20 party members)

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