

# How Technology Contributes to Climate Change

**What is the combined warming effect** from the billions of man-made electromagnetic radiation (EMR) transmitters: cell towers, smart meters, wi-fi, smart phones, plus cloud services and data centers? Recent reports (see below) serve as a warning that it's time to reduce our technology use to better protect our planet, people and our environment.

## Headline News and Scientific Reports

- **Our phones and gadgets are endangering the planet.** "The energy used in our digital consumption is set to have a bigger impact on global warming than the entire aviation industry." [The Guardian 2018](#) [Greenpeace report](#)
- **Tsunami of data**  
Internet, video and smart devices could use one fifth of all global electricity by 2025. [Total Consumer Power Consumption Forecast Climate Home News 2017](#)
- **The Cloud Begins With Coal**  
"... the average iPhone requires more power per year than the average refrigerator." [Grist 2013](#) [Digital Power Group](#)
- **Climate Change and Technology**  
"The information technology sector is one of the largest consumers of global energy and contributors to greenhouse emissions." [Forbes 2019](#)
- **Why We Need a Speed Limit for the Internet.**  
"A wired connection is the most energy efficient method to access the network." [Post Carbon Institute 2015](#)
- **Digital sobriety can halt tech-fueled warming.** [The Shift Project 2017](#)
- **NASA probes find man-made bubble from radio communications shrouding the earth** [NASA 2017](#)
- **Electromagnetic Radiation as Possible Explanation for Climate Change**  
"Human generated electromagnetic radiation may contribute to global warming by diverting KELEA (kinetic energy limiting electrostatic attraction) from its presumed association with cosmic rays and thereby affecting natural function of cloud formation and climate stability." [Project Censored 2017](#) [Atmospheric and Climate Sciences 2016](#)
- **The wireless cloud is an energy monster**  
"Access to cloud services will have the same carbon footprint as adding 4.9 million cars to the roads" [The Conversation 2013](#) [Centre for Energy Efficient Telecommunications](#)
- **Planetary electromagnetic pollution: it is time to assess its impact.** [The Lancet-Planetary Health 2018](#)
- **Technology is destroying nature**  
... with electromagnetic radiation from power lines and cell towers ... 5G could increase threat. [Newsweek 2018](#)

Items in **BLUE** are links to the science.

### Take Action!

1. Reduce cell and wireless use.
2. Oppose 5G technology.
3. Call for studies on EMR climate effects.

[www.fomb.org](http://www.fomb.org)



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