



A Safe Alternative to Harmful 5G Wireless

A Program of

**Citizens for Health
Education Foundation
1601 18th Street NW, Suite 4
Washington, DC 20009**

Visit:
www.safeg.net

SafeG supports:

Stop 5G International
Action Days Jan. 12 -24
&
Global Protest Day Jan. 25

<http://stop5ginternational.org/>

5G Crisis

5G wireless networks seriously imperil our health, privacy and security.

5G Crisis

HEALTH

Health

VAST INCREASE IN RADIATION EXPOSURE

- Cellular antennas will be in our front yards on utility poles.
- Radiation will be beamed directly into our homes and business 24/7/365.
- That radiation will be many times more intense than anything we are exposed to now from distant macrotowers.
- Some measurements show exposures hundreds, even thousands of times more intense.

Health

THERE WILL BE NO ESCAPE

5G radiation will follow us wherever we go:

- Our homes
- Our workplaces
- While we shop
- At restaurants
- In churches
- At schools
- At daycare
- When we take a walk
- Even when we sleep

Health

LINKED TO SERIOUS HEALTH EFFECTS

[A recent National Toxicology Program study](#) makes a clear link between wireless radiation emitted by cellphones and cancer.

Health

OTHER GENERAL HEALTH EFFECTS

- Headaches
- Insomnia
- Dizziness
- Nausea
- Low sperm count
and fertility impairment
- Neurological effects
- DNA damage
- Heart palpitations
- Depression
- Memory loss

Health

HEALTH & ENVIRONMENTAL EFFECTS MADE WORSE WITH 5G

- Damage to the eyes (cataracts, retina damage)
- Blindness
- Hearing loss and deafness
- Skin damage and skin cancer
- Thyroid dysfunction
- Damage to plants and trees
- Collapse of insect populations, especially those that pollinate food crops and serve as food for birds and other wildlife.

Health

ADDITIONAL INFORMATION

[How Big Wireless Made Us Think That Cell Phones Are Safe: A Special Investigation](#)

From *The Nation Magazine*

[Cell Phone Radiation Leads to Cancer, Says U.S. NTP in Final Report](#)

From *Microwave News*

[Planetary Electromagnetic Pollution: It Is Time To Assess Its Impact](#)

From *Lancet Planetary Health*

[The BioInitiative Report](#)

From the Bioinitiative Working Group

PRIVACY

Privacy

5G & THE INTERNET OF THINGS: INDUSTRY WANTS TO TRACK YOUR LIFE

Wireless transmitters in:

- Every appliance: refrigerator, dishwasher, oven, toaster, etc.
- Home heating and air-conditioning system
- Security system
- Automobile
- Office equipment at work

Privacy

WHAT THE INDUSTRY WILL KNOW

- Your Movements
 - Your Purchases
 - Your Habits
 - Your Whereabouts
-

Privacy

WHAT THE INDUSTRY WILL DO WITH THAT INFORMATION

Sell it to anyone willing to pay for it:

- Advertisers
- Law enforcement
- Information brokers

Privacy

HOW THAT INFORMATION COULD BE USED: THE NOT-SO-BAD STUFF

- Unsolicited ads and offers

Privacy

HOW THAT INFORMATION COULD BE USED: THE REALLY BAD STUFF

- By authorities to investigate innocent activities that seem “suspicious” to them.
 - By unscrupulous buyers to manipulate you with fraudulent offers.
 - To target personal vulnerabilities, for instance, by knowing your likely location each day at particular times.
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5G Crisis

SECURITY

Security

INTERNET OF THINGS ENDANGERS US PERSONALLY

- Connected devices offer many more gateways for hackers into our homes, cars and workplaces.
- It will be far easier for hackers to gain control of our environment and terrorize us or simply steal important information without us even knowing.

Security

INTERNET OF THINGS ENDANGERS US COLLECTIVELY

- ❑ Foreign powers and terrorists can more easily hack our water plants and power plants to shut them down or make them malfunction. Nuclear plants are especially worrisome.
- ❑ 5G is setting us up for a huge attack that we won't see coming. We may not even be able to pinpoint who is attacking us.

Privacy & Security

ADDITIONAL INFORMATION

[The Terrifying Potential of the 5G Network](#)

From *The New Yorker Magazine*

[The Internet of Things Will Turn Large-Scale Hacks into Real World Disasters](#)

From *Motherboard*

OTHER KEY ISSUES

Other Key Issues

- ❑ **Decline In Property Values** — Research shows value of homes near cellular antennas may decline in value by up to 20 percent.
- ❑ **Loss Of Local Control** — Cities have been stripped of their power to control 5G installations by the FCC and many states.
- ❑ **Environmental Harm** — 5G uses far more energy compared to wired systems. It harms pets, wildlife, trees and plants. Any living system can be affected.

Other Key Issues

ADDITIONAL INFORMATION

[The Impact of Cell Phone Towers on House Prices in Residential Neighborhoods](#)

The Appraisal Journal

[Mayors or the FCC: Who understands the broadband needs of metropolitan residents?](#)

From The Brookings Institution

Other Key Issues

ADDITIONAL INFORMATION (continued)

[How Smartphones Are Heating Up The Planet](#)

From *The Conversation*

[Wireless Silent Spring](#)

By Dr. Cindy Russell, Vice President of Community Health, Santa Clara County Medical Association

5G Crisis

THE SafeG RESPONSE

The SafeG Response

WHAT IS SafeG?

- ❑ SafeG is not a single product or service, but a framework for safe, fast, reliable, secure internet and telecommunications brought into our homes and businesses by wired technology.
- ❑ It means technology that safeguards our health, privacy and security and that evolves over time with the goal of reducing exposure to harmful wireless radiation.

The SafeG Response

SafeG IS ABOUT CHOICE

While SafeG supporters favor wired networks, we accept the right of homeowners and businesses to decide for themselves whether to have wired or wireless networks on their premises without forcing that choice on others as 5G does.

The SafeG Response

WHAT IS SafeG ALLIANCE?

- ❑ SafeG Alliance is a program which seeks to unite those who view 5G as dangerous by giving us a common way to refer to a sane and safe alternative that has greater utility and safeguards our health, privacy and security.
- ❑ We believe that by spreading the SafeG idea broadly, we can create a new conversation worldwide about a better, safer and more robust future for internet and telecommunications services.

The SafeG Response

THE BRANDING IDEA AND WHY IT IS IMPORTANT

- ❑ In marketing terms SafeG and 5G are brands.
- ❑ Until the advent of SafeG, the battle was between 5G and Stop 5G as competing brands in the minds of the public.
- ❑ It is difficult to fight something—in this case, 5G—with nothing. Stop 5G represents an “absence” rather than an alternative.

The SafeG Response

THE SafeG BRAND TRANSFORMS THE DEBATE

- ❑ The SafeG brand is already moving us from a threat-based narrative to an opportunity-based narrative.
- ❑ A threat-based narrative engages the negative energies of people. The fear and anxiety it creates may be useful, but those emotions tend to drain energy from people.
- ❑ An opportunity-based narrative engages the positive energies of people to align powerful new technologies with safe, effective and useful fulfillment of individual and community wants and needs.

The SafeG Response

THE SafeG BRAND (continued)

- ❑ Instead of trying to avoid something, we are now working to build something positive in our society that will displace and supersede 5G.
- ❑ We can thus create opportunities to use new, powerful communications discoveries for meeting human needs, not just those related to business models.

The SafeG Response

THE POWER OF NARRATIVE

Narratives, at least in the way I will be using them, are stories that do not end—they persist indefinitely. They invite, even demand, action by participants and they reach out to embrace as many participants as possible. **They are continuously unfolding. Being shaped and filled in by the participants.** In this way, they amplify the dynamic component of stories, both in terms of time and scope of participation. **Stories are about plots and action while narratives are about people and potential.**

*—John Hagel, cutting-edge management consultant and author of *The Power of Pull**

The SafeG Response

BRINGING OUT THE BEST IN ALL OF US

If we want to achieve our potential, we are better served by opportunity-based narratives. Similarly, there are tragic narratives and heroic narratives—**heroic narratives draw out the best in all of us.**

—John Hagel, cutting-edge management consultant and author of *The Power of Pull*

The SafeG Response

THE SafeG NARRATIVE

- ❑ SafeG is an opportunity-based narrative that is open-ended and persists. We can always make our internet and telecommunications system safer, more reliable, more secure and more consistent with our human needs and the needs of our environment.
- ❑ It is a heroic narrative that casts the individual citizen as the hero who can chart and successfully navigate a safer course to his or her internet and telecommunications future.

The SafeG Response

5G VS SafeG: A TALE OF TWO DESTINIES

5G	SafeG
Top-down and centralized.	Bottom up and dispersed.
Driven by the financial desires of corporate managers.	Driven by consumer and community needs.
Locks in existing top-down, centralized technology and infrastructure designed to benefit corporations and increase their control over their customers and the public.	Welcomes new technologies and infrastructure that empower the individual and the community, expand human rights and dignity, and spread prosperity broadly across all of society.
Forces technologies on society that UNDERMINE our health, privacy, security and autonomy.	Fosters technologies that ADVANCE our health, privacy, security and autonomy.
Creates a technology future that seeks to control everything we think and do for the benefit of corporate managers.	Leads to a technology future that allows everyone to explore their own gifts and develop them using technologies designed to aid their quest for self-expression and community engagement.

The SafeG Response

SafeG AROUND THE WORLD

Activists in many countries around the world are already propagating the SafeG idea:

- Australia
- Austria
- Canada
- Czech Republic
- Denmark
- France
- Germany
- Greece
- Ireland
- Italy
- New Zealand
- Norway
- Sweden
- Switzerland
- United Kingdom
- United States

The SafeG Response

LICENSING SafeG TO NONPROFITS AND BUSINESSES

- We now have requests to license the SafeG mark from nonprofits and businesses and are working on licensing language and standards for this purpose.
- We believe this could become a major avenue for spreading the SafeG idea.

SafeG Opportunities

Thank you for your interest in SafeG. Visit our website at www.safeg.net.

Contact:

Kurt Cobb
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The People Behind SafeG

KURT COBB – Program Director/Communications Strategist

Kurt Cobb is a Washington, D.C.-based communications strategist and freelance writer who writes frequently about energy and environment. His work has appeared in *The Christian Science Monitor*, *Common Dreams*, *Le Monde Diplomatique*, *Oilprice.com*, *OilVoice*, *TalkMarkets*, *Investing.com*, *Business Insider* and many other venues. He is the author of an oil-themed novel entitled *Prelude* and has a widely followed blog called *Resource Insights*. He is currently a fellow of the Arthur Morgan Institute for Community Solutions.

Cobb has long provided writing and consulting services to a wide variety of corporate, nonprofit, governmental and political clients. He has worked as a newspaper reporter, an advertising executive, and a communications consultant to political campaigns. Just after college he worked for Washington syndicated columnist Jack Anderson writing radio scripts. During his time with Anderson, Cobb also wrote two national newspaper columns under Anderson's byline. Cobb is a graduate of Stanford University.

The People Behind SafeG

JAMES S. TURNER – Policy And Legal Advisor

Legendary consumer advocate and attorney James S. Turner began his career working with Ralph Nader under whom he authored a ground-breaking book-length exposé of the Food and Drug Administration (FDA) entitled *The Chemical Feast*.

Turner is probably best known for his leading role in the passage of the Dietary Supplement Health and Education Act of 1994 which prevented the FDA from banning or severely restricting the availability of herbs, vitamins and other supplements.

Turner was also the lead attorney on a successful petition to the FDA to reclassify acupuncture needles from Class III to Class II medical devices, permitting their legal importation and distribution.

A principal in the Washington, DC firm of Swankin & Turner, he has appeared before every major consumer regulatory agency including the Food and Drug Administration, Environmental Protection Agency, Consumer Product Safety Commission and Federal Trade Commission. He has also advocated for his clients with the Department of Agriculture and the National Institutes of Health. Turner served as special counsel to the Senate Select Committee on Food, Nutrition, and Health and to the Senate Government Operations Subcommittee on Government Research.

The People Behind SafeG

KATE KHEEL – Program Advisor

Kate Kheel is a mother, grandmother, musician, and now advocate for safe internet and telecommunications technology. She is the founder and director of Maryland Smart Meter Awareness, an organization that successfully spearheaded the drive to procure an opt-out from wireless smart meters in the state.

Kheel's formal training is in music—piano and choral conducting—and she continues to teach and play piano when not engaged in advocacy. With 5G and the Internet of Things (IoT) looming on the horizon, Kheel has dedicated herself to informing the public and policymakers about the harms of 5G and the IoT—and encouraging them to insist on better options that provide safe, fast, high-capacity, cyber-secure internet and telecommunications technology for all.