

IT IS TEMPTING TO IMAGINE OUR WIRELESS TECHNOLOGIES OPERATE USING AN INVISIBLE SOURCE OF FREE AND NATURAL ENERGY. BUT IT IS MAGICAL THINKING. NATURE HAS REQUIRED MILLENNIA TO EVOLVE WONDERFUL AND INTRICATE STRATEGIES FOR SENSING THE SUBTLE (TO US), COMPLEX, PULSATING ELECTROMAGNETIC ATMOSPHERE WHICH BATHES THE EARTH. THE ADVERSE IMPACTS OF OUR UNNATURAL WIRELESS TECHNOLOGIES ARE BEGINNING TO BE FELT THROUGHOUT THE BIOSPHERE. **THEY ARE NOT GREEN.**



WIRELESS is NOT GREEN

"MONSTER" CARBON FOOTPRINT OF DIGITAL TECHNOLOGY

"No environmental benefit would appear and the energy savings realized by digital technology would merely absorb its own growing [carbon]footprint."

Kris De Decker
The Monster Footprint of Digital Technology

FOSSIL FUELS ARE AVAILABLE IN A BRIEF HUMAN MOMENT

This [beginning to use fossil fuels] represents a critical moment in human history, for this is when our ancestors started living off our planet's sunlight-savings. Because our ancestors could consume sunlight that had been stored by plants millions of years ago, they began for the first time to consume more resources—in food, heat, and other materials—than the daily amount of sunlight falling locally on our planet had historically been able to provide.

The planet's human population grew beyond the level that the Earth could sustain if humans were only using local "current sunlight" as an energy and food source.

Thom Hartmann
Last Days of Ancient Sunlight

WHO CONTROLS THE WIRELESS COMMONS?

"Who owns the the new 'commons'? Who should be allowed to pollute it? What are the limits? On what basis should carrying capacity be defined? Who defines the limits? Do these limits conserve the resource for the future? Do they protect public health and welfare, and the health and well-being of other living things on earth? Who bears the burden of proof of safety or of harm? How should the 'new commons' be managed for the greater good? Do we know enough to act responsibly? Who decides? When should limits be placed on utilization?"

Cindy Sage,
Tragedy of the Commons Revisited: The High Tech-High Risk Wireless World

SOME WIRELESS TECHNOLOGIES ESCAPE ENVIRONMENTAL ENFORCEMENT

"Ironically, environmentalists are also pushing for Smart Grids without studying the environmental/health impacts or even calculating if such systems will save energy. Plus, provisions in the stimulus package exempt Smart Grids from National Environmental Policy Act review and allow federal preemption for siting new high-tension corridors through environmentally sensitive areas."

Blake Levitt and Chellis Glendinning
The Problems With Smart Grids



TOXIC PHONES

Home: [Oscillatorium](#)
Newest version [this map](#)
Date of this update: 01-10-17

- [Green grid guinea pigs](#)
- [Economics of ecosystems](#)
- [Cancer scare hits cell firms](#)
- [Economics of biodiversity loss](#)
- [The Dark Side of Green Energy](#)
- [Green energy grants to LADWP](#)
- [GE "smart" appliances subsidized](#)
- ★ [Chine continues to lead SM market](#)
- [Selling nature to save it, wrong concepts](#)
- [\\$80 billion wasted on power for online devices](#)

★ **ENERGY USE, HEALTH, ACCIDENT RISK, CELL PHONES, EMF**

- [The Secret of Enough](#)
- ★ [More data, less energy](#)
- [Building biology resources](#)
- [The Problems with Smart Grids](#)
- [Individualism uses up more energy](#)
- [Sorry, the wireless cloud isn't green](#)
- [Returning from the Virtual to the Real](#)
- [Great Green Technological Transformation](#)
- [Sierra Club under fire for smart meter article](#)
- [Video: Overview -- Smart Meters NOT Green](#)
- [Human costs for workers in China, Apple's iPad](#)
- [SSM Florida: Index of Wireless Not Green links](#)
- [e-Textiles will add toxic materials to the waste stream](#)

STIMULUS GRANTS EXEMPT RECIPIENTS FROM ENVIRONMENTAL LAWS.

GREEN ELECTRICITY OR GREEN MONEY?

THE GREEN SHEEN WEARING THIN – ON CORPORATIONS AND ENVIRONMENTAL GROUPS

LIFE EVOLVED IN A MUCH WEAKER EM FIELD
1800 MHz (cell, cordless phone range), microW/m2

Cosmic background level	0.00000000001
Natural background, all frequencies	0.000001
Altered EEG, humans	0.000001
PowerWatch, suggested sleeping	0.01
PowerWatch, suggested waking	1.

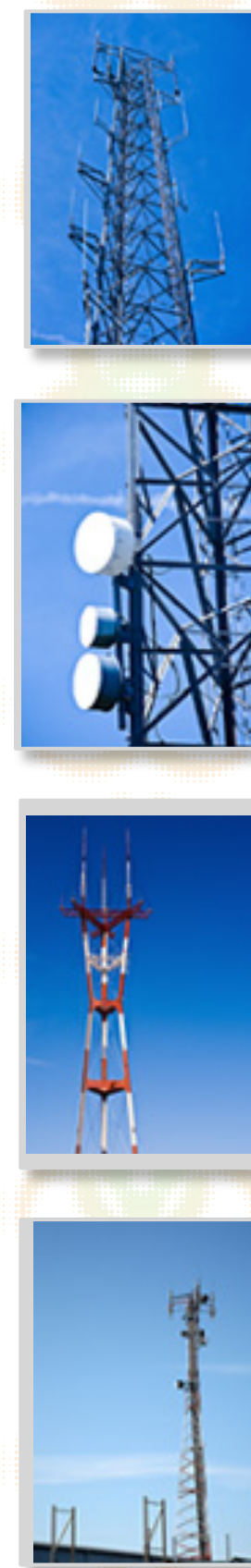
WHO Safety Guidelines 9,000,000.
FCC (USA) Allowance 10,000,000.

WIRELESS RADIATION FAR EXCEEDS NATURAL LEVELS

NOT ECONOMICALLY WISE



OTHER LINKS



WIRELESS Is NOT GREEN

ENERGIES UNNATURAL

- [Electromagnetic biocompatibility](#)
- [Tragedy of the Commons, Wireless Risk](#)

GLOBAL WARMING AND EMF

- [Global Microwave](#)
- [Dr. Ravindra Tiwari](#)
- [HAARP responsible](#)
- [Digital devices strain climate](#)

RARE ELEMENTS USED

- [Rare earth supply chain](#)
- [Tech's mineral infrastructure](#)
- [Rare earth mining is very toxic](#)
- [Your cell phone, Congo's misery](#)
- ★ [Rare earth elements in cell phones](#)
- [Demand for rare earths outstripping supply](#)
- [Is your mobile phone funding the war in Congo?](#)



HUGE CARBON FOOTPRINT

- [Digital technology](#)
- [Gadgets and gigawatts](#)
- [Cloud begins with coal](#)
- [Cell phone chips, carbon footprint](#)
- [Carbon footprint of a mobile phone](#)
- [CEET: wireless energy monster](#)
- [iPhone, more energy than refrigerator](#)
- [Pokeman's Huge Carbon Footprint](#)
- [Energy, greenhouse gas, video streaming](#)
- [Smart appliances and the Energy Star Hoax](#)
- [Appliances use more energy than advertised](#)
- [Surprising large footprint of digital technology](#)

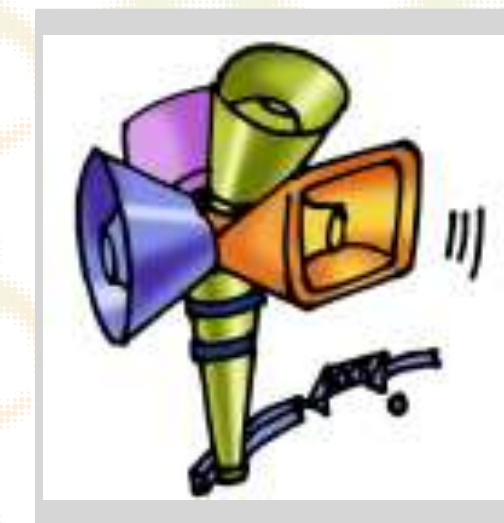
WATER FOOTPRINT OF ONE STORAGE FACILITY

SMART METERS, OPPOSITE OF GREEN

GLOBAL FOOTPRINT OF DIGITAL COMMUNICATIONS

CONFLICT MINERALS

★ **COLOUR OF MONEY BLOOD IN THE MOBILE IPHONE, OPPRESSION**



DANGEROUS FOR ALL LIFE FORMS

ELECTRONIC SILENT SPRING

POWER OF THE WIRELESS CLOUD

WIRELESS USES MORE ENERGY

COMPUTERS WILL USE MORE ENERGY THAN WORLD CAN SUPPLY

- [Bees](#)
- [Trees](#)
- [Birds](#)
- [People](#)
- [Living cells](#)
- [Cell Towers](#)
- [Environment](#)
- [The gene pool](#)
- [Living Systems](#)
- [Wireless Commons](#)

WHAT IS GREEN?

Natural?
Holistic?
Preserves the ecosystem? Environmentally friendly?
Minimizes impact on the planet?
Supportive of biodiversity?
Non-toxic and non-polluting?
Uses renewable materials?
Uses renewable energy?

WIRELESS DOES NOT MEET THESE CRITERIA

CARBON FOOTPRINT OF WIRELESS TECHNOLOGIES

Fossil fuel **components** are used
Smallest components require most fossil fuel
Fossil fuel required in **manufacturing processes**
Fossil fuel used in **factory air filtering**
Fossil fuel factory **used in air conditioning**
Fossil fuel used to **transport components**
Fossil fuel used to **transport assembled meters**
Fossil fuel used in **installation, maintenance**
Fossil fuel used in **data processing centers**

WIRELESS WILL USE MORE FOSSIL FUEL THAN SAVE

ECONOMIC ISSUES

Jobs in wireless may not be safe
Smart systems use **less workers**
Any new system costs money
Smart meters, wireless devices, **replaced more often**
Utility companies, not consumers, benefit
Stimulus money forces cities to cooperate
Stimulus money forces universities to cooperate
Rare earths get more expensive
Increased **health costs**
Increased **legal and regulatory costs**
Increased **environmental costs**
Taxpayer funded subsidies increase costs

WIRELESS WILL COST MORE THAN SAVE

WHAT IS NOT GREEN ABOUT WIRELESS?

Huge **carbon footprint** in manufacture and use
Huge **carbon footprint** in part and product transport
Massive **energy use** by Internet of Things, 24/7 function
Huge **water footprint** in mining and manufacture
Landfill space required due frequent device disposal
Human and environmental **costs of device manufacture**
Human and environmental **costs of artificial EMF**
Economic/personal **costs of smart meter fires**
Economic/personal **costs due to security, privacy issues**
Social impacts of **wireless addiction, inattention** to issues