



SUSTAINABLE
TECHNOLOGY
ACTION FUND

HAVE A SAY IN YOUR COMMUNITY

STOP ZTA 19-07 REPORTS + RESOURCES



LEGAL

[12/20/2018 "Summary of Proposed FCC Small Cell Order" by Lawyer Mark Del Bianco](#)
[10/2018 "Federal Law Does Not Prohibit the County from Imposing Stricter Procedural Requirements on Wireless](#)



POLICY

[New Hampshire State Commission on 5G Health and Environment Final Report](#)
[Harvard's Captured Agency: How the Federal Communications Commission is Dominated by the Industries it](#)



ENERGY USE AND ENVIRONMENT

[Fierce Wireless "5G base stations use a lot more energy than 4G base stations: MTN"](#)
[April 3, 2020](#)

[The Shift Project, "Lean ICT: Towards Digital Sobriety: Report on the Environmental Impact of Information and Communication Technologies, February 2019](#)

["What Will 5G Mean for the Environment?" By Clair Curran of the Henry M. Jackson School of International Studies](#)

["Is Wireless Technology an Environmental Health Risk?" Society of Environmental Journalists Journal](#)



SAFETY

[Investigate Europe's Two-Part Investigation on 5G](#)
[5G The Mass Experiment \(Part 1\)](#)
[How Much is Safe? Finances Effect Research \(Part 2\)](#)

[Santa Clara Medical Association Magazine Articles](#)
[Wireless Silent Spring](#)
[A 5G Wireless Future: Will it give us a Smart Future](#)





WHAT'S BEING SAID

"These "small cell" installations not only can cause an aesthetic blight but can release levels of radiation that we don't yet know conclusively the health impacts they can impose on humans, especially developing bodies and minds of children. These small cell boxes could pop up anywhere: grocery stores, outside school, playgrounds, communal places, with no requirement to mitigate effects or understand potential environmental and health hazards"

[Sierra Club California](#)

"Considering that the Smart Communities' prior filings show that the addition of facilities of this size diminishes property values, it is strange for the Commission to assume that approval can be granted in the regulatory blink of an eye."

[9/19/ 2018 Ex Parte for 17-79 Cities include Montgomery County](#)

"If radiofrequency emissions from wireless handsets or equipment on our communications infrastructure are demonstrated to cause negative health effects, potential future claims could adversely affect our operations, costs, or revenues. We cannot guarantee that claims relating to radiofrequency emissions will not arise in the future or that the results of such studies will not be adverse to us. If a connection between radio frequency emissions and possible negative health effects were established, our operations, costs, or revenues may be materially and adversely affected. We currently do not maintain any significant insurance with respect to these matters."

[Crown Castle \(small cell infrastructure company\) in their 2020 10-K Annual Report](#)

"The District of Columbia must ensure that street trees are not aggressively pruned as DC moves toward small cell infrastructure. This technology requires a direct line of sight between small cells. That could require chopping off large portions of tree branches - which could kill some of the District's largest and most majestic trees."

[The Sierra Club of Washington DC](#)

"Wireless devices, antenna networks and data centers are consuming an ever-increasing portion of the global energy supply, based largely on coal..."

["Re-Inventing Wires: The Future of Landlines and Networks"](#)

"Behind each byte we have mining and metal processing, oil extraction and petrochemicals, manufacturing and intermediate transports, public works (to bury the cables) and power generation with coal and gas. As a result, the carbon footprint of the global digital system is already 4% of the global greenhouse gas emissions, and its energy consumption rises by 9% per year."

[Jean-Marc Jancovici, President of The Shift Project, member of the French High Climate Council](#)

"If the new 5G environment, in fact, poses health risks, any prior rollout of 5G will have potentially injured citizens of Montgomery County and other municipalities, including sensitive populations like children, that cannot be undone. Such a result would be unconscionable."

[Montgomery County, Maryland in their Brief 9/19/ 2018 Ex Parte for 17-79 Cities include Montgomery County](#)

