

The Royal Society of Medicine – London England



Reflections and Key Questions

International Commission on the Biological Effects of Electromagnetic Fields



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Five Key Issues in the Rollout of 5G Systems

1. System proliferation without significant health and environmental safety research
2. Emerging research on previous (2G, 3G, 4G) generations of RF telecoms technology, suggesting worrisome biological effects in the lab, and increasingly convincing in vivo evidence in the field
3. Increasing evidence that major global (and many national) regulatory agencies for these exposure have been “captured” by vested interests, and current safe-exposure limits are outdated/inadequate
4. Federal regulatory agency “capture” has pre-empted most local planning processes, involving new 5G transmitter/mast installation, even considering health and environmental concerns
5. In the last few years, many hundreds of low-altitude satellites, purely for supporting 5G transmission globally, have been or are about to be launched by private corporations – activities apparent not subject to any “worldly” governance; as these devices age/lose orbital altitude, they may present unpredictable hazards

Conclusions

- “Something is rotten in Denmark the current global telecommunications innovation strategy”
- It is easy to delay/avoid hazard regulation when the evidence is subtle and especially when the adverse health effects are delayed by years to decades – e.g. asbestos
- “Manufacturing doubt” is a well-documented technique used by vested interests to delay/avoid regulation of such hazards – tobacco
- A moratorium on the current 5G global rollout is very unlikely....BUT
- **“Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has.” Margaret Mead**