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Mapping Our Technosphere: what questions make it (and our biosphere) more sustainable?

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What questions can clarify our thinking so that we understand our technosphere more fully and can actually reduce our ecocidal impacts? Starting by naming our assumptions, say that our biosphere is the world of flora and fauna that can reproduce and biodegrade. Say that our technosphere is anything fabricated—including the Internet, motorized vehicles of all kinds, solar PVs, industrial wind turbines and battery energy storage systems. What are the technosphere's main energy guzzlers? What kind of water use, extractions, greenhouse gases, electromagnetic radiation, abusive labor practices and toxic waste are involved in manufacturing, operating and discarding the technosphere? What regulations could promote safety and limit ecocidal growth? Katie Singer will sketch what we take from the biosphere to manufacture, operate and discard our technosphere. She'll propose questions and activities for reducing our digital footprint. For example, could every smartphone user trace the supply chain of one substance in their smartphone or laptop—and share their research?