

Energy is the only universal currency.

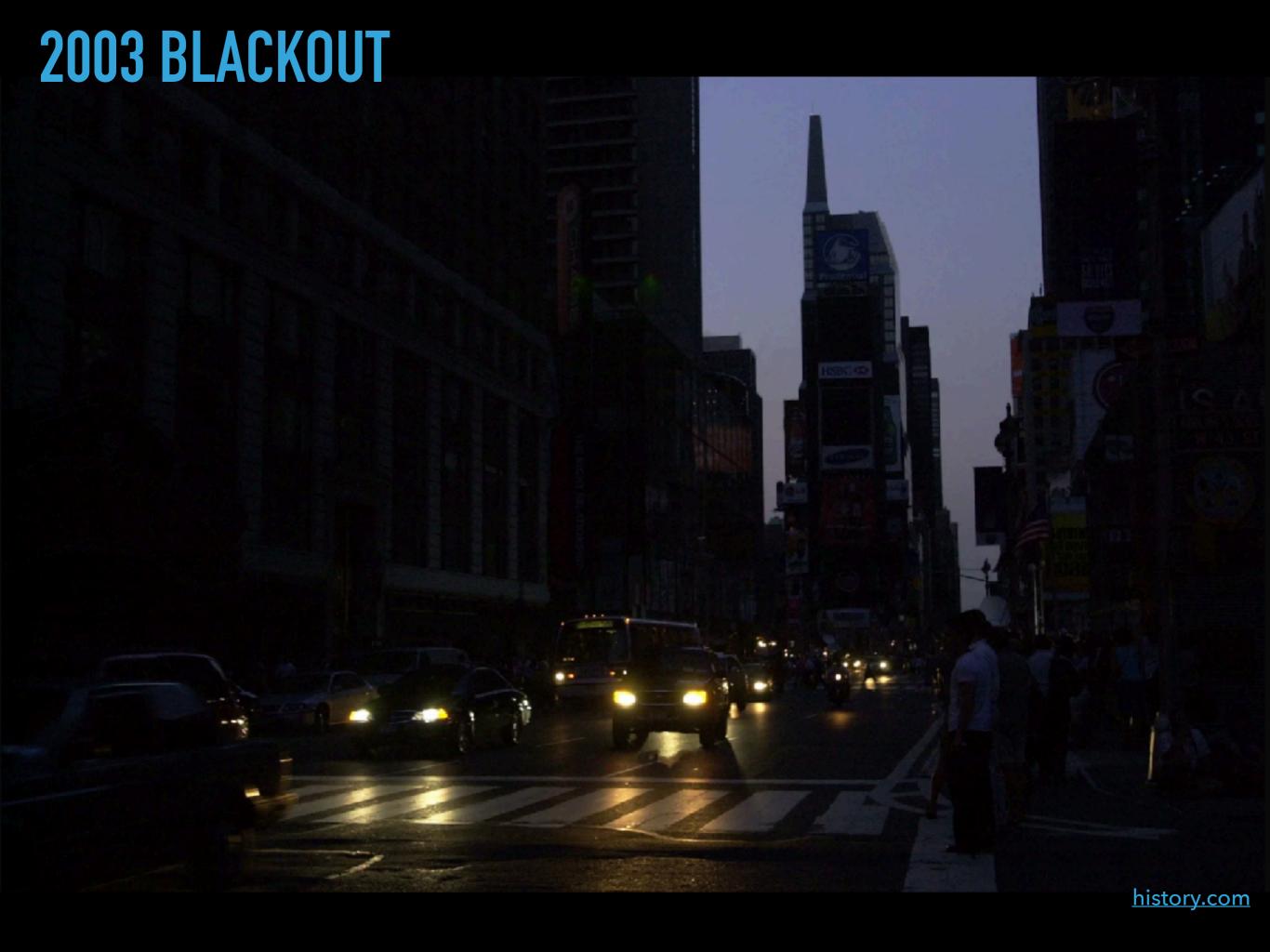
- Vaclav Smil

2020 COVID



2003 BLACKOUT

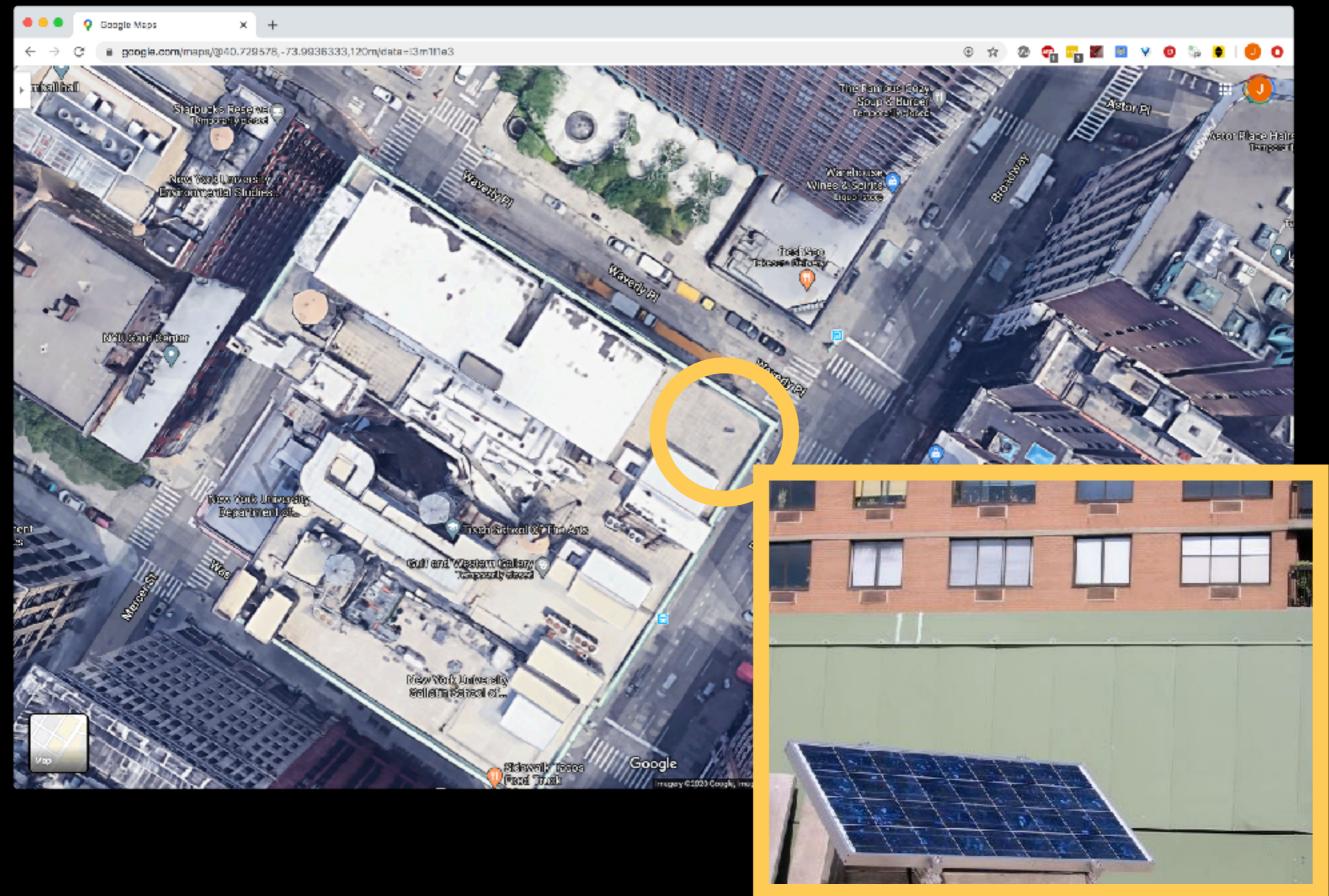




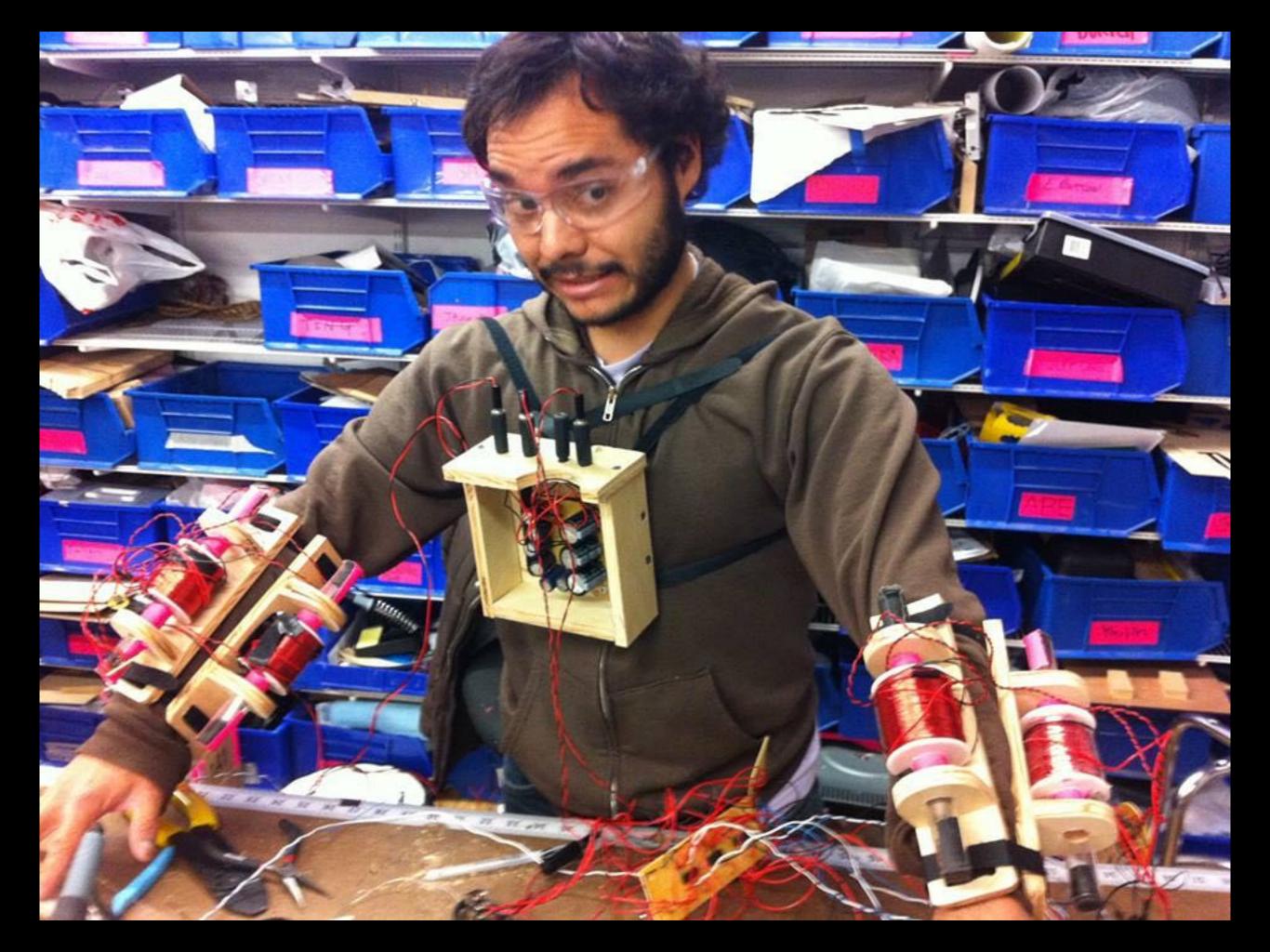
2003 BLACKOUT

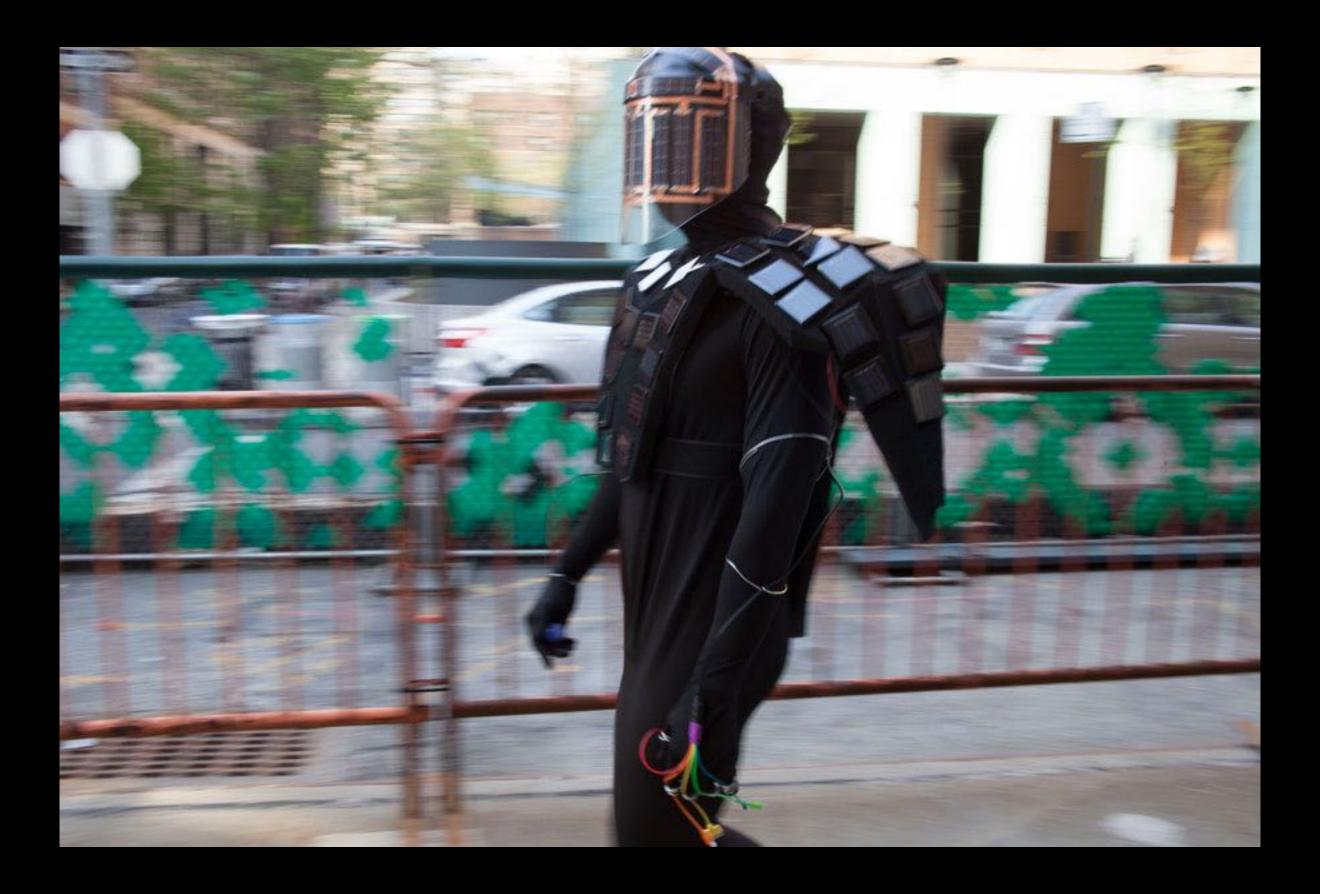


NYU's FIRST (?) SOLAR - 2004









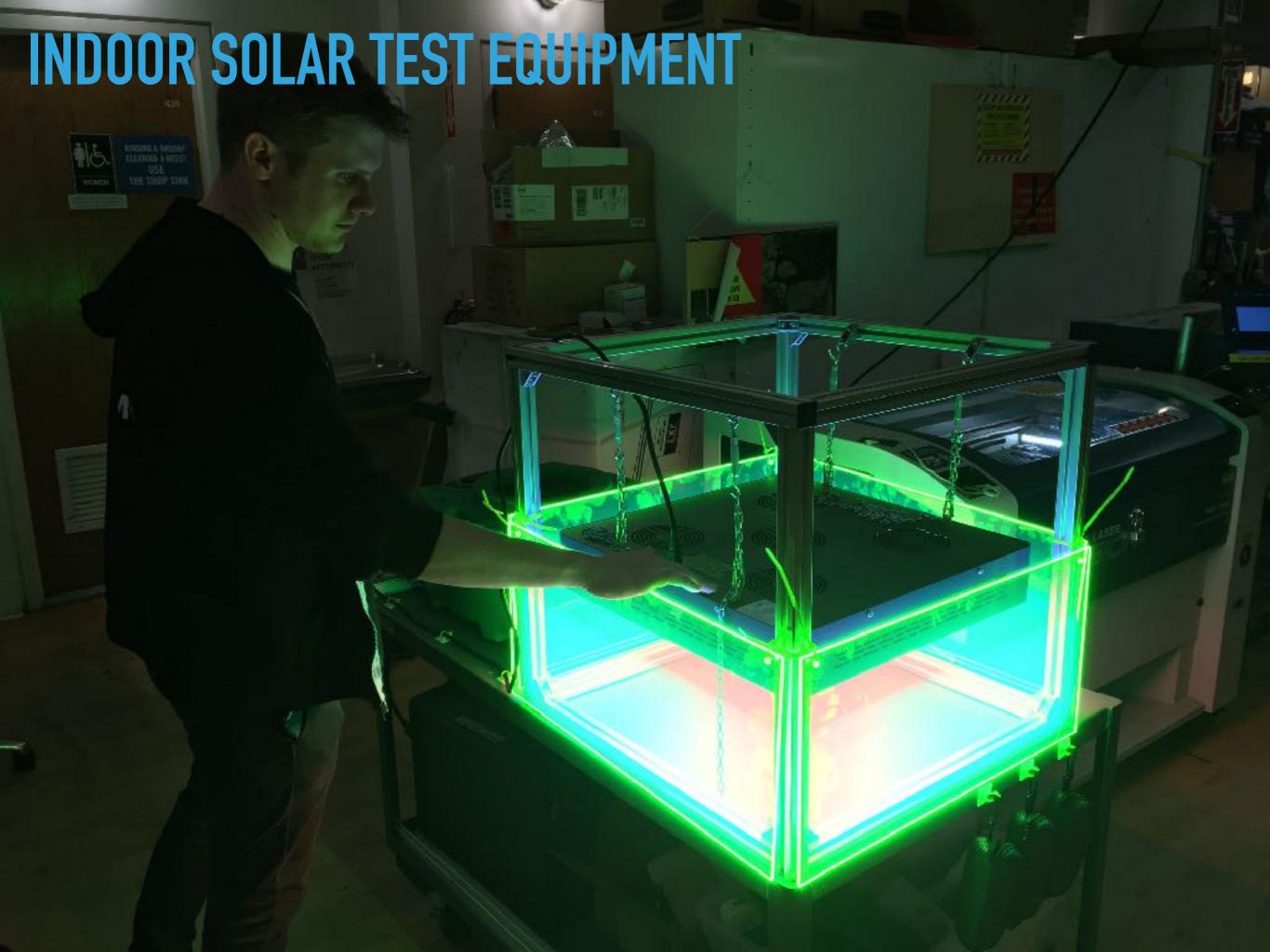


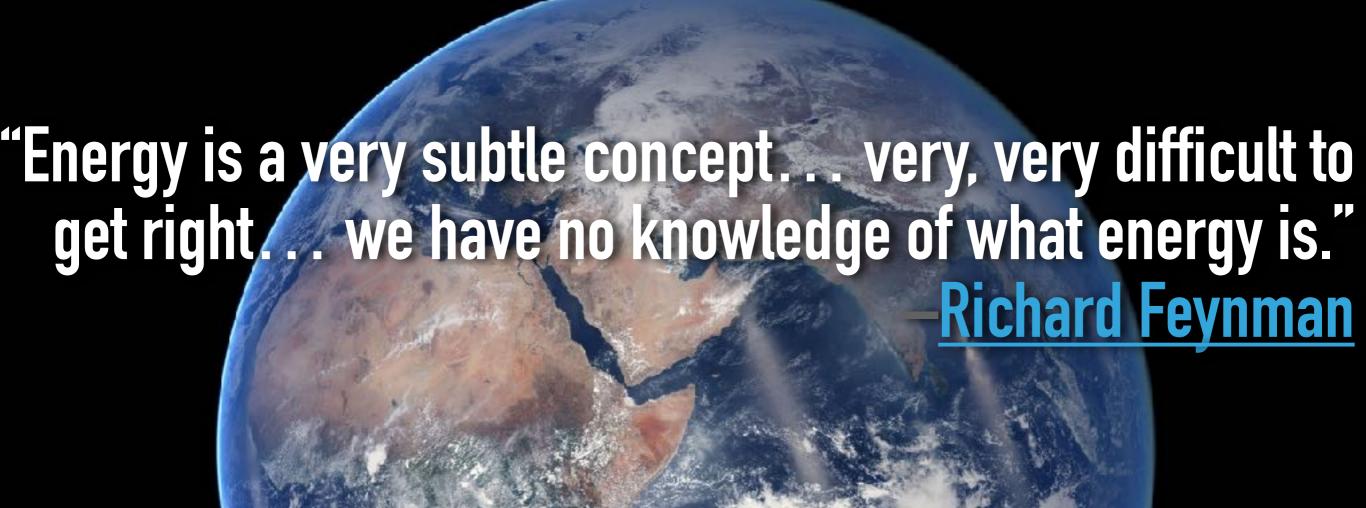




2004-2019







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- Vaclav Smil







https://www.vex.com/2016/9/19/12938086/electrify-everything

The key to tackling climate change: electrify everything

By David Roberts | @drvox | david@vox.com | Updated Oct 27, 2017, 6:48am EDT

V The key to tackling climate chall X +

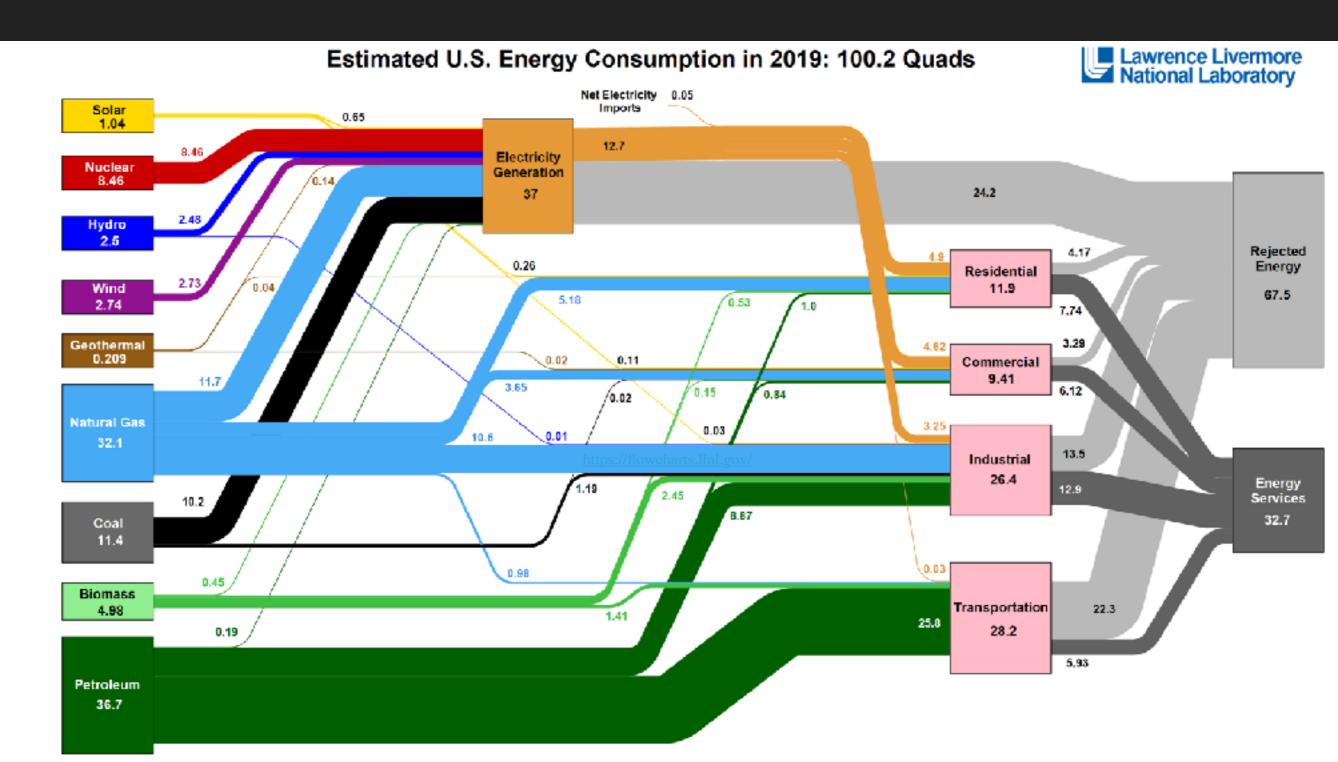


(Shutterstock)

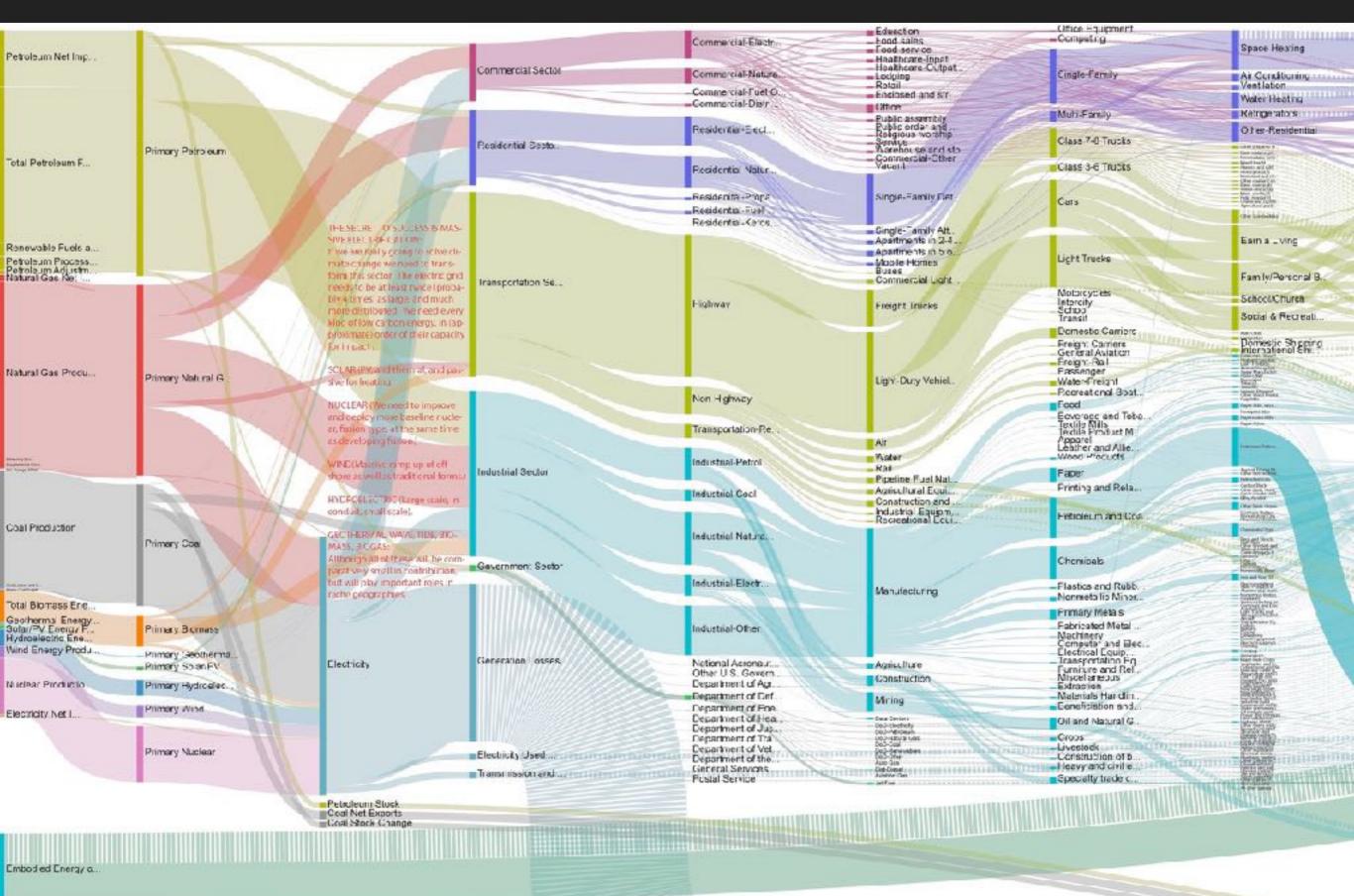
Tackling climate change is a complicated undertaking, to say the least. But here's a good rule of thumb for how to get started:

Electrify everything.

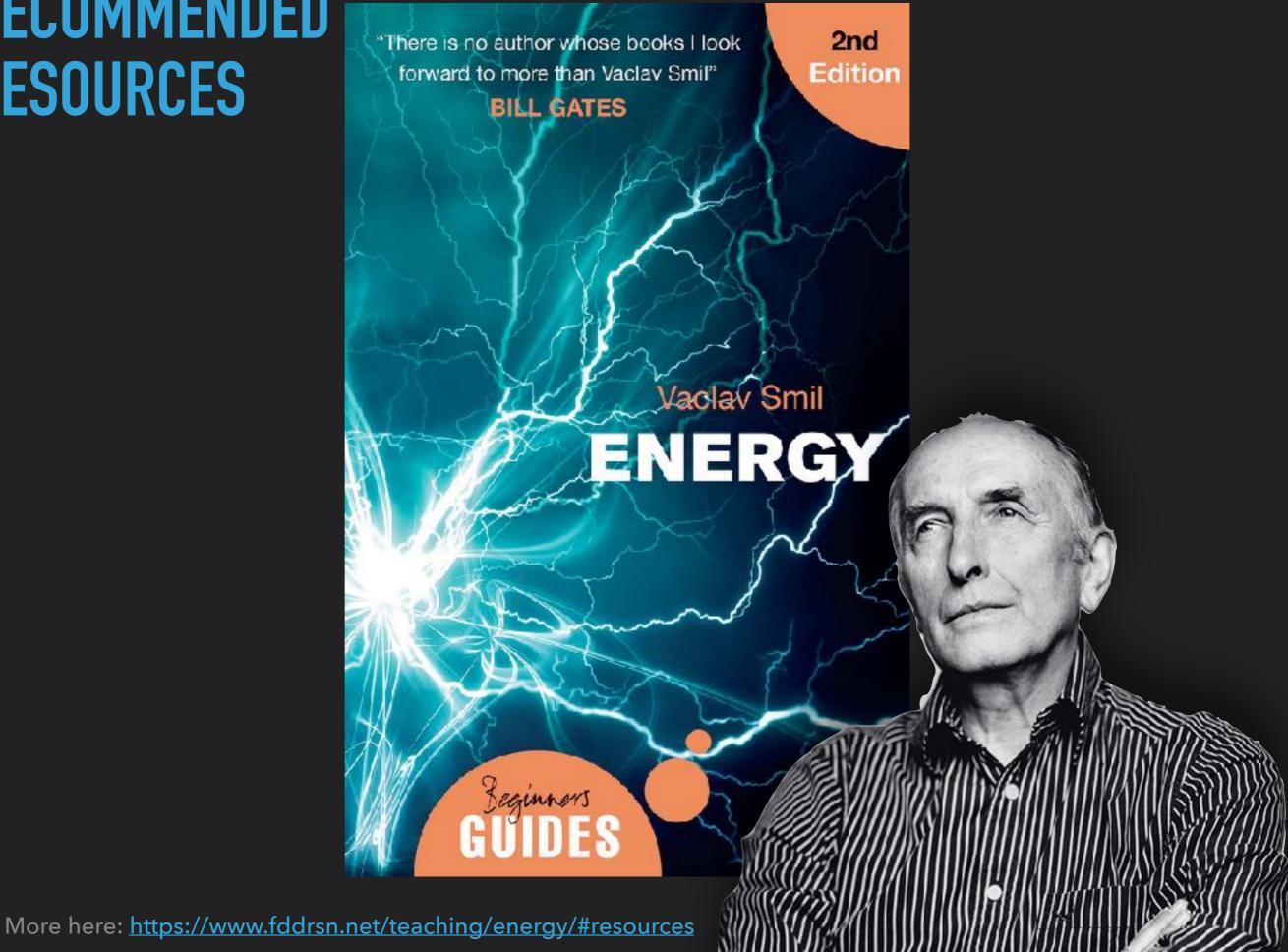
Replace technologies that still run on combustion, like associate vehicles and natural assignments



Source: LLNL March, 2020. Data is based on DCE/EIA MER (2019). If this information or a reproduction of it is used, credit must be given to the Lawrence Diversor Metional Laboratory and the Department of Energy, under whose suspices the work was performed. Distributed electricity represents only retail electricity calculated and does not include celf generation. EIA reports consumption of renewable resources (i.e., bydro, wind, geothermal and solar) for electricity in BTV-equivalent values by assuming a typical fossil fuel plant best rate. The efficiency of electricity production is calculated as the total retail electricity delivered divided by the princip energy input into electricity generation. End use efficiency is estimated as 65% for the residential sector, 65% for the commercial sector, 21% for the transportation sector and 45% for the industrial sector, which was updated in 2017 to reflect DOE's analysis of namefacturing. Totals say not equal sum of compensate due to independent rounding. ELME-NT-410527



RECOMMENDED RESOURCES



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https://www.greentechmedia.com/podcast/the-energy-gang

