


Are electric cars a solution?

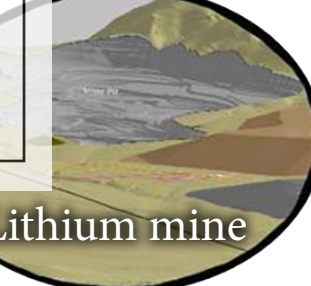
Global warming caused mainly by the burning of oil, gas, and coal is a crisis—and cars are a major cause. Mainstream environmental groups and governments, in response, are promoting electric vehicles (EVs) as a solution. But EVs still produce greenhouse gases and have their own costs.

⁶
C
Carbon



Graphite mine

³
Li
Lithium



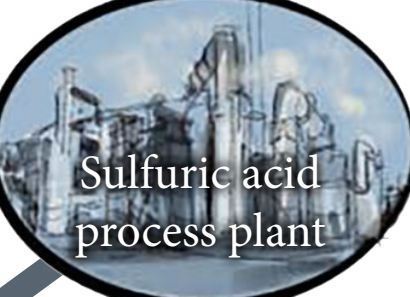
Lithium mine



Diesel trucks

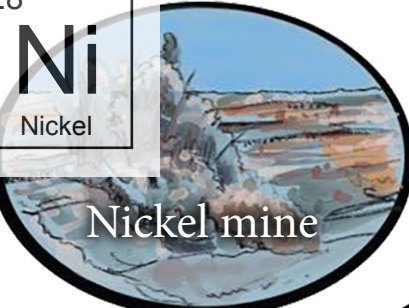


Oil refinery



Sulfuric acid process plant

²⁸
Ni
Nickel



Nickel mine

Mining

For each pound of battery, around **60 pounds** of ore needs to be mined, transported, and processed. Mining destroys wildlife habitat and threatens water supplies, indigenous cultural sites, and rural communities around the world.


Fossil Fuels

Coal, oil, and gas are required for every step in making an EV, including mining, manufacturing, shipping, charging, and disposal.

Processing

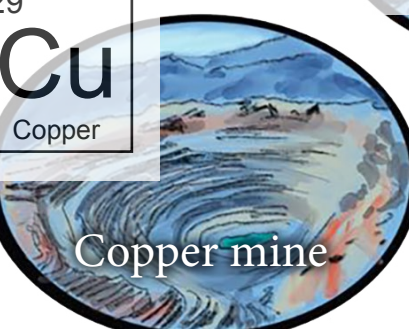
Every step in processing the materials to make batteries and cars is **toxic** to the environment.

⁶
C
Carbon



Coal mine

²⁹
Cu
Copper



Copper mine



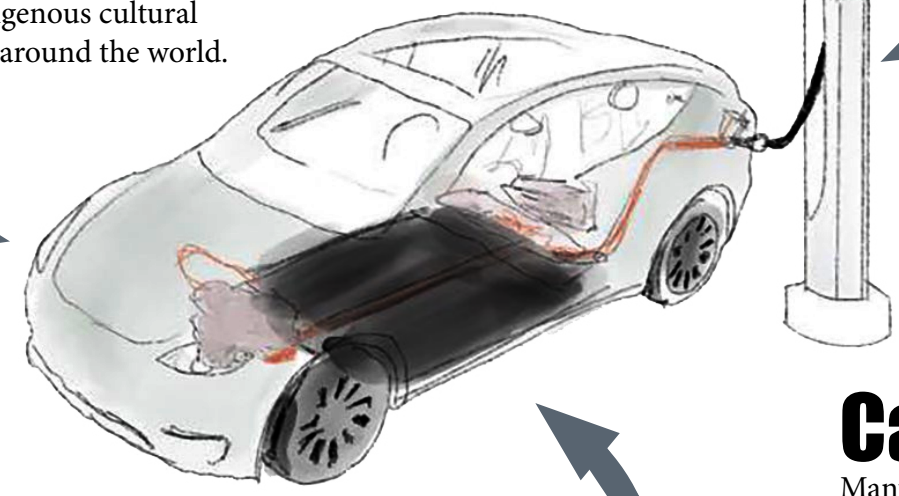
Steel smelter

Recycling

Recycling batteries from EVs is difficult, expensive, and toxic. It also can't meet massively-growing demand. Most batteries end up in landfills.



E-waste



Carbon Emissions

Manufacturing an electric car releases up to **16 tons** of greenhouse gases (CO₂e). Switching to passenger EVs would only reduce overall U.S. emissions by around 5 percent.

Water

All mining requires and pollutes huge amounts of water. Producing one ton of lithium requires up to **500,000 gallons** of water

Human Rights

Mining is linked to human rights abuses around the world, from Congo to Tibet to Argentina—including here in the USA.



²⁷
Co
Cobalt

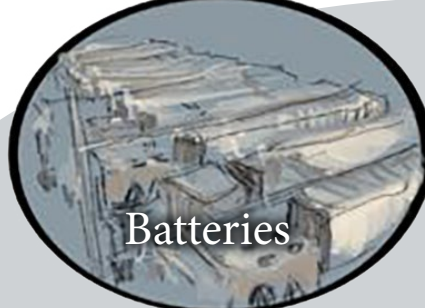


Cobalt mine

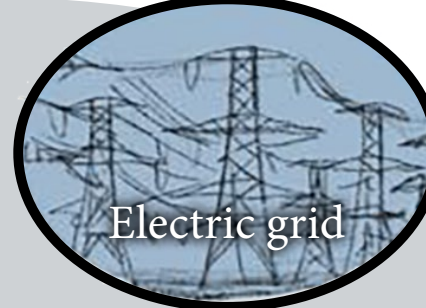
What is the Alternative?
The only true solution to the environmental crisis is to **scale down**—to dramatically reduce consumption and energy use, abandon growth, and live more localized lives. We cannot consume—or drive—our way out of the climate crisis!
Learn more at <https://ProtectThackerPass.org/EVs>.
#ProtectThackerPass #PlanetOverProfit



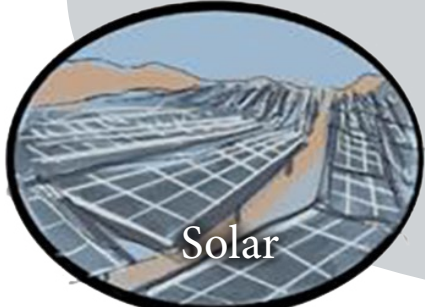
Water




Batteries




Electric grid



Solar



Wind



Coal, oil & gas