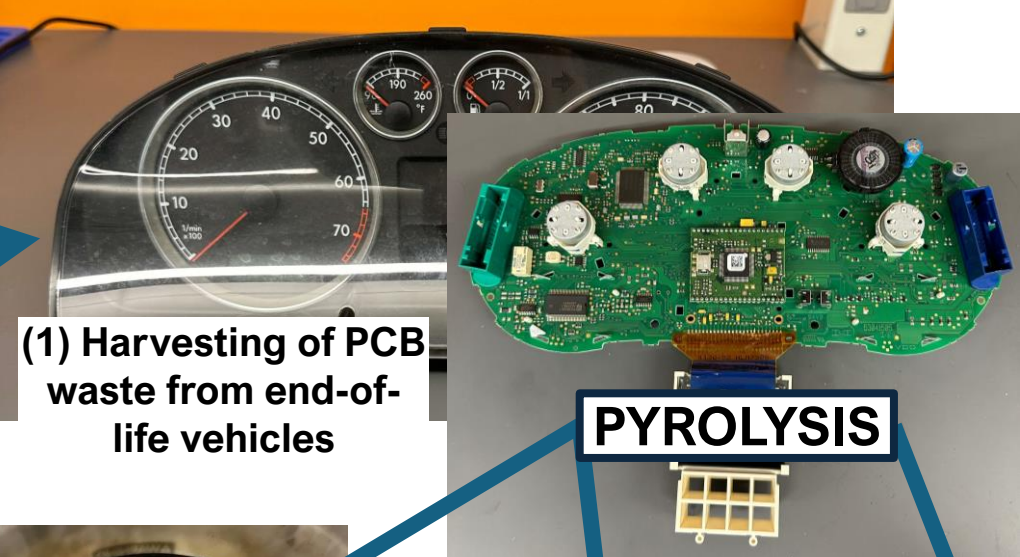


E-waste to EVs: Automotive E-scrap Recycling

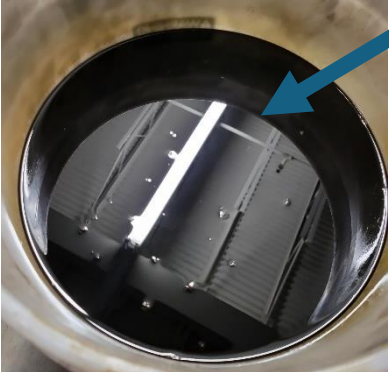


(1) Harvesting of PCB waste from end-of-life vehicles

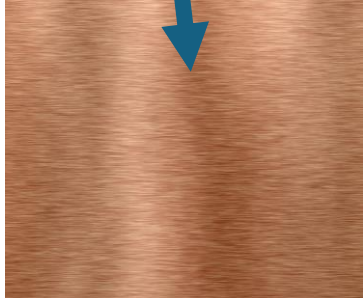
PYROLYSIS



(5) Manufacturing of new EV parts from automotive sheet molding compounds



(2) Energy recovery from PCB polymers



(3) Copper foil recovery



(4) Mineral recovery for composite SMCs

Team UT Knoxville
Lead: Dr. Ryan Ginder