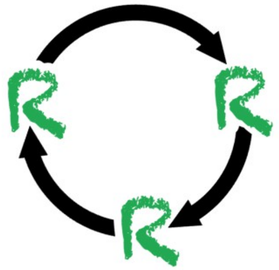
HAZARDOUS HEROES:
SECONDHAND SOLAR FIELD PROJECT

Introducing the Hazardous Heroes: Secondhand Solar Field Project which aims to bring to realization the implementation of circular supply chains for end of life photovoltaic solar panels in an economically beneficial and viable application through using pre-screened uninhabitable contaminated lands to engineer and and build utility scale solar farms with immensely positive community implications.

WHY?

- The current linear supply chain is not economically sustainable
  - It is estimated that by year 2030 we will reach 1 million tons of solar waste
  - Low rate of re-collection
  - No financially/environmentally viable way to separate and recover finite, critical components
  - Estimated that by 2050 solar energy could require most of the global supply of silver

HOW?



- Recovery - establish pick up and or drop off of decommissioned, uninstalled, unshatteted PV modules at no cost to customers
- Refurbish - Test, re-label, clean, and eco-seal functional end of life panels
- Remanufacture - Use new label specs to engineer and re-install secondhand panels at pre-screened, strategically, beneficial uninhabited hazardous sites

BENEFITS?

- This method introduces a new circular supply chain that is more environmentally/financially viable
  - Reduction in emerging solar waste
  - Increased rate of re-collection
  - Reduced greenhouse emissions
  - Reduced mining
  - Re-use of critical, finite components
  - Economically beneficial to local under-represented communities