

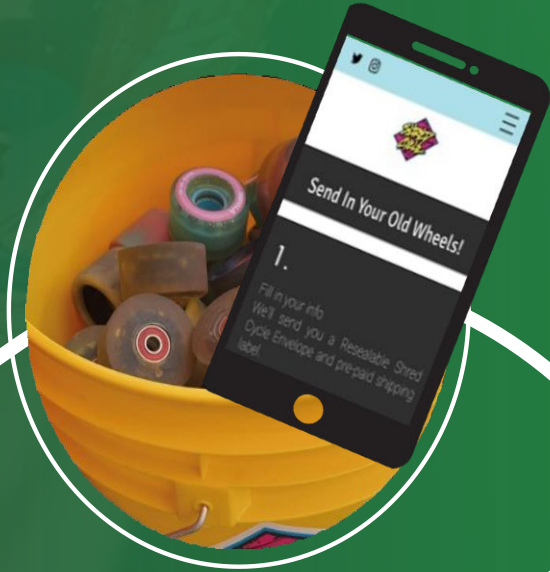
# WHERE WE ARE

With Shred Cycle...we currently transform scrap TPU waste into Circular materials

Whole Process:  
~0.63 kg CO2e

Journey of TPU waste

Right now = Landfill!



# INNOVATION: TPU RESHRED

Establish a post-industrial and post-consumer TPU (thermoplastic polyurethane) Re-X supply chain within the U.S.

Advanced sorting system that can sort and identify multiple polymer types and hard-plastics that would otherwise be deemed unusable or be slated for the landfill.

Collection service and sorting mechanism to collect, sort, identify and then refurbish TPU components and wheels through mechanical lathing and milling; this process can be bolstered with smart techniques, robotics, and AI modeling.



U.S. DEPARTMENT OF ENERGY