

LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

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Submission Title: Reverse Logistics for Electric Vehicle Batteries in the Auto Industry

Submission Track: Reverse Logistics

Abstract: (<100 Word)

Auto Recyclers operate a robust circular economy in which end-of-life vehicles are collected and their parts and components are separated, cataloged and distributed into various forms of recycling. Lithium-ion batteries are already entering Auto Recycling facilities, but are being left out of the circular economy. Some reasons are lack of incentive to catalog batteries, lack of information about material contents, lack of industry standards, and lack of demand. These problems point to a lack of financial incentive for the system to upgrade. Processes, infrastructure, and information technology all require enhancements for the Auto Recyclers to handle Lithium-ion batteries.

Optional Images

Lithium-Ion Battery Recycling Prize

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