

LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

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Submission Title: Separating and Sorting Lithium-Ion Batteries in the Auto Industry

Submission Track: Separating and Sorting

Abstract: (<100 Word)

Auto Recyclers separate and sort parts from end-of-life vehicles as part of their regular vehicle processing workflow. Cataloging data for Lithium-Ion batteries in the Auto Recycling Industry is very limited and does not include material composition information needed to sort according to the competition goals. The proposed electronic message standards facilitate the communication of data Auto Recyclers need about each battery (such as chemical make-up and hazardous waste requirements). Because messages could send and receive real time data electronically, the information in the database could evolve with national security needs to immediately effect sorting solutions.

Optional Images

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