

LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

Team Name:	
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Submission Title:	ChiveOn – Spent Lithium-Ion Battery Training
Submission Track:	Track 3

A Public Document



Concept

- Develop a lithium-ion knowledge base and training program to promote improved collection and storage and shipping of lithium-ion batteries (LIB) at the inception of the recycling process

Approach

- Information Gathering from industry experts
- Develop online reference database of lithium-ion batteries
- Develop a specialize training program targeted to battery collectors, e-recyclers, scrapyards, EV car repair shops
- Gain buy-in on training materials from industry experts best practices
- Promote the training program
- Conduct the training in a seven state region

Potential Impact

- Increase safety of employees at collection facilities
- Decrease hazardous losses of LIBs
- Increase number and volume of LIBs recycled
- Decrease the overall cost of shipping LIB