

# LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

**Team Name:** RePower Team

A Public Document

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**Submission Title:** RePower Second-Life Battery Program

**Submission Track:** Track 5. Other Ideas

The RePower program is an integrated, full-life-cycle LIBs usage system in which the **costs of collection and end-of-life recycling** are covered by a second-life battery utilization program, which creates a valuable product from second life LIBs. It involves building a community-based collection system and organizing a community enterprise network of worker cooperatives to process the battery packs into a viable consumer product. By producing and selling sufficient quantity of RePower Packs, we can finance the whole process of collecting, reusing and recycling LIBs. We will scale the approach by replicating the regional organization of cooperative networks throughout the country.

