

# LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

**Team Name:** Renewance

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**Primary Submitter:** Jamal Burki

**City and State:** Chicago, Illinois

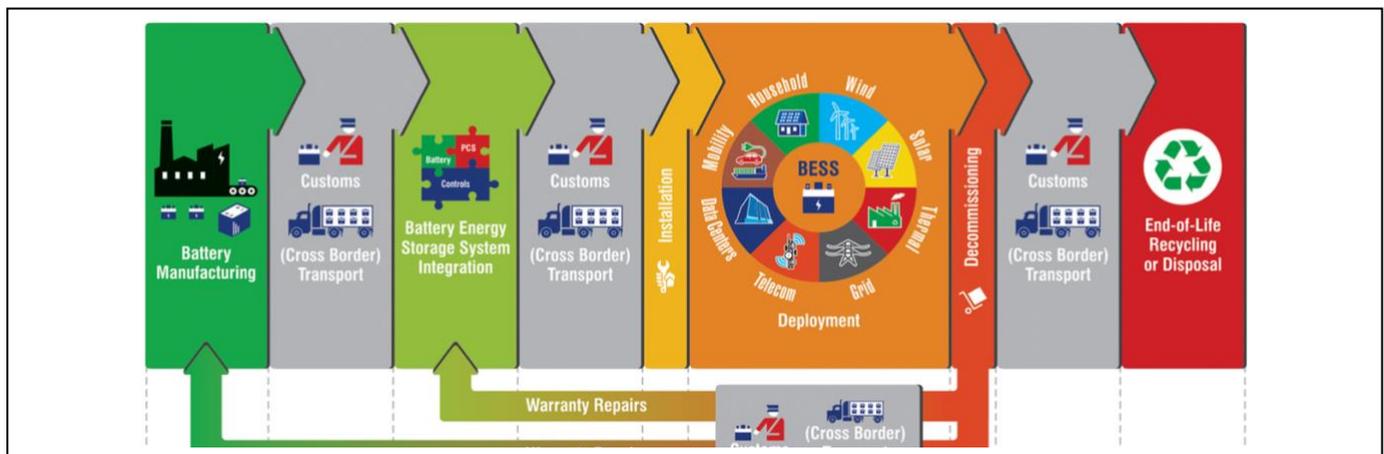
**Member Names:** Jamal Burki, David Mauer

**Submission Title:** Reverse Logistics Marketplace

**Submission Track:** Track 4 – Reverse Logistics

**Abstract:** (<100 Word)

Utilizing market driven supply - demand mechanism to drive efficiency Renewance will enhance and expand our marketplace that leverages existing and developing infrastructure for decommissioning, transportation, recycling to exploit efficiencies by connecting owners of waste batteries (recycling demand) with decommissioning, collection and recycling service providers (supply). This exploits a business model already validated by ride-share businesses such as Uber and Lyft. Competitive bidding, facilitating connection to local providers and insights to volume aggregation opportunities enables reduced reverse logistics costs. The model allows seamless integration of technologies that can make waste batteries inert and new recycling technologies.



Lithium-Ion Battery Recycling Prize

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