

LITHIUM-ION BATTERY RECYCLING PRIZE



U.S. DEPARTMENT OF ENERGY

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**GREEN
TELLUS**

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Submission Title:	Green Tellus: an education centered approach
Submission Track:	Collection

Concept

- School is one of the biggest networks in the US, connecting thousands of families in a region to a few selected location.
- The greatest challenge of LIB collection is the low consumer awareness of the recyclability of batteries, which is something that should be cultivated since childhood.
- Education is the one of the few ways to help people engage in new behaviors.

Approach

- Establish a non-profit organization to qualify us to carry out operation in schools(which is impossible for private companies).
- Install LIB recycling stations in k-12 schools across the nation.
- Send guest speakers to schools to lecture about batteries and encourage students to recycle.
- Hosting "Battery Drive" events to incentivize students to bring dead batteries to schools.

Potential Impact

- Increased awareness of battery recycling among population
- A nation-wide LIB recycling network
- A recycling rate more than 90%