

Member Update

Li-ion Battery Recycling Opportunities

Michael Paszti

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mpaszti@terrapureenv.com



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CHANGING WASTE FOR GOOD



Northeast Hub for Battery Recycling

Terrapure is a leading lead-acid battery (“LAB”) recycler in the northeast

- Facilities in Montreal and Toronto
- 10% of North American lead production
- Developer of “LI Detector” technology → protects recycling processes from Li-ion battery fires and explosions

Lead-Acid Battery Recycling

- Lead-acid batteries are the most-recycled commercial product → 97-99% recycle rate
- North American market is underserved → net importer of lead
- Lead demand continues to grow globally at 3.4% CAGR

Ideal Setting for Li-ion Battery Recycler

- Strong automotive manufacturing in region
- Rapidly growing Li-ion battery manufacturing presence
- Strong government support/funding to develop EV infrastructure, including recycling



Li-ion Battery Production



Montreal Campus



- Ample on-site infrastructure
- Pre-existing sodium sulfate disposal
- 3¢/kWh hydro-electricity. Greenest grid in North America.
- 600m x 700m (0.37mi x 0.43mi)

Montreal Campus

- Terrapure is located in a favourable investment environment
- Extensive, well-established supply chain with auto wreckers
- In 3rd and 6th largest cities in North America* → high population and EV density





Michael Paszti

VP, Innovation, Technology, and Business Development

mpaszti@terrapureenv.com