

Li-Cycle is supporting the global shift to electrification. Through our patented and proven Spoke & Hub Technologies™, we can recover valuable critical minerals found within lithium-ion batteries and battery manufacturing scrap and return them back to the supply chain. Li-Cycle's commitment to sustainability is core to our business model, and demonstrated through processes that result in minimal solid waste streams, wastewater discharge, and low air emissions.

We are Li-Cycle



Li-Cycle is a leading global lithium-ion battery resource recovery company



Founded in 2016 and listed on the New York Stock Exchange in 2021 (NYSE: LICY)



Li-Cycle has leading customers and partners, including global EV and battery OEMs



A global company with presence in North America, Europe, and Asia



Our Vision

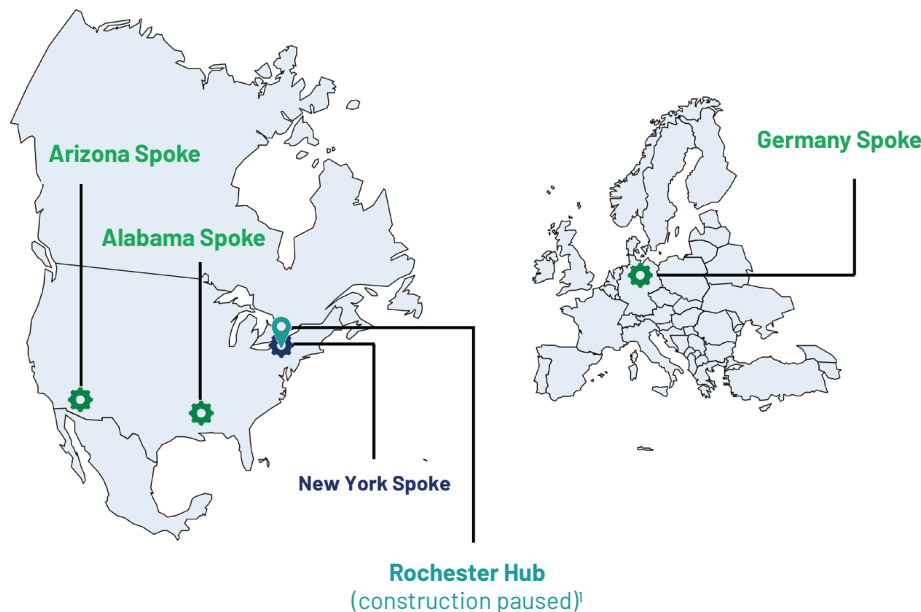
Leading the global supply of recycled critical materials for a clean energy future.



Our Mission

Recycle critical materials to create a sustainable closed-loop battery supply chain.

Spoke & Hub Network



Our Spoke recycling facilities are strategically located across North America and Europe.

Li-Cycle's planned Hub refining and recovery facility is expected to produce recycled battery-grade lithium carbonate.

SPOKES (Pre-processing recycling facilities)



Generation 3

- Arizona
- Alabama
- Germany



Generation 2

- New York



FUTURE HUBS (Post-processing refining facilities)

- Rochester Hub (construction paused)⁽¹⁾

(1) Construction of the Rochester Hub was paused in October 2023. Li-Cycle is currently conducting a comprehensive review.



Our Spoke & Hub Technologies™: Delivering value through innovation and sustainability

Full pack, full charged shredding capabilities

Generation 3 Spokes can process full-pack EV batteries without the need to dismantle or discharge.

Battery form agnostic

We safely receive and recycle all types of lithium-ion battery materials regardless of form factor and state of charge.

Safety is our top priority

Zero critical safety, environmental and community incidents since Company's inception.

High-quality end products

Li-Cycle's Hubs are expected to produce high-quality, critical battery materials, including battery-grade lithium carbonate.

Integrated Spoke & Hub Network

Spoke

All types of lithium-ion batteries and manufacturing scrap are shredded using safe and efficient processes to produce black mass, an intermediate product containing valuable materials.

Our Spokes are designed to have: minimal solid and liquid waste, zero combustion, zero wastewater discharge, relatively low air emission, and zero direct greenhouse gas emissions.



Black mass

Hub

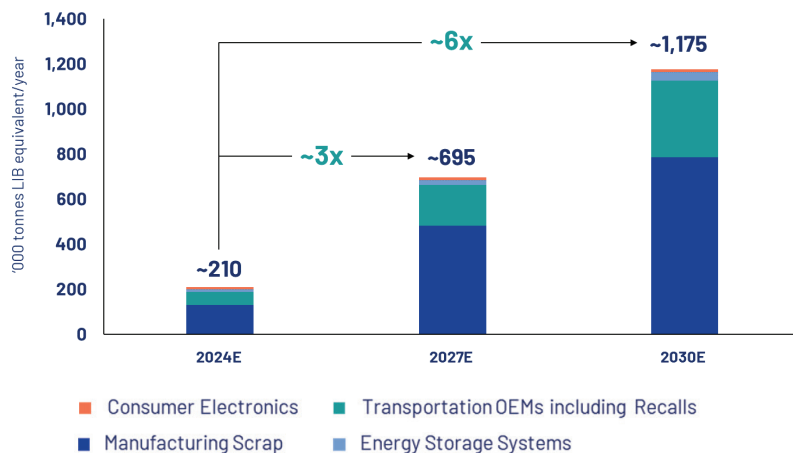
Black mass is processed to produce critical battery materials for reuse in lithium-ion battery production or other applications in the broader economy.

The Rochester Hub is expected to be the first facility of its kind and first source of recycled battery-grade lithium carbonate production in North America.



Lithium carbonate and critical battery materials

Increasing Battery Materials for Recycling⁽¹⁾ in North America and Europe



Awards and Recognitions

BNEF Pioneers
2023 Winner

Clean 16
2022
exceptional contributors to the clean economy



(1) BMI and Li-Cycle estimates as of June 2024; TAM estimates include a 30% scrap rate during ramp-up of a gigafactory followed by an average scrap rate of 10% thereafter and excludes gigafactories with lower probabilities.