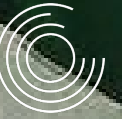




EMPOWERING an *Electric Future* to
Accelerate Human PROGRESS.

Arizona ▪ British Columbia ▪ California ▪ Indiana ▪ Michigan ▪ North Carolina ▪ Ohio ▪ South Carolina



Cirba Solutions: *Battery Recycling Leader*

Cirba Solutions Recycling Facilities

Overview

- Founded in 1991 (30+ Years of Experience)
- Headquartered in Charlotte, NC
- 6 Strategically Located facilities (*soon to be 7*)
- Handle all battery formats and chemistries
- **Feedstock** EOL batteries, EV batteries, production scrap, portable electronics, post-consumer, energy storage systems, healthcare and more
- **Shredding and Hydrometallurgy** processing approach
- Return **Critical Minerals (Li, Ni, Co, Mn)** back into the Domestic Battery Supply Chain

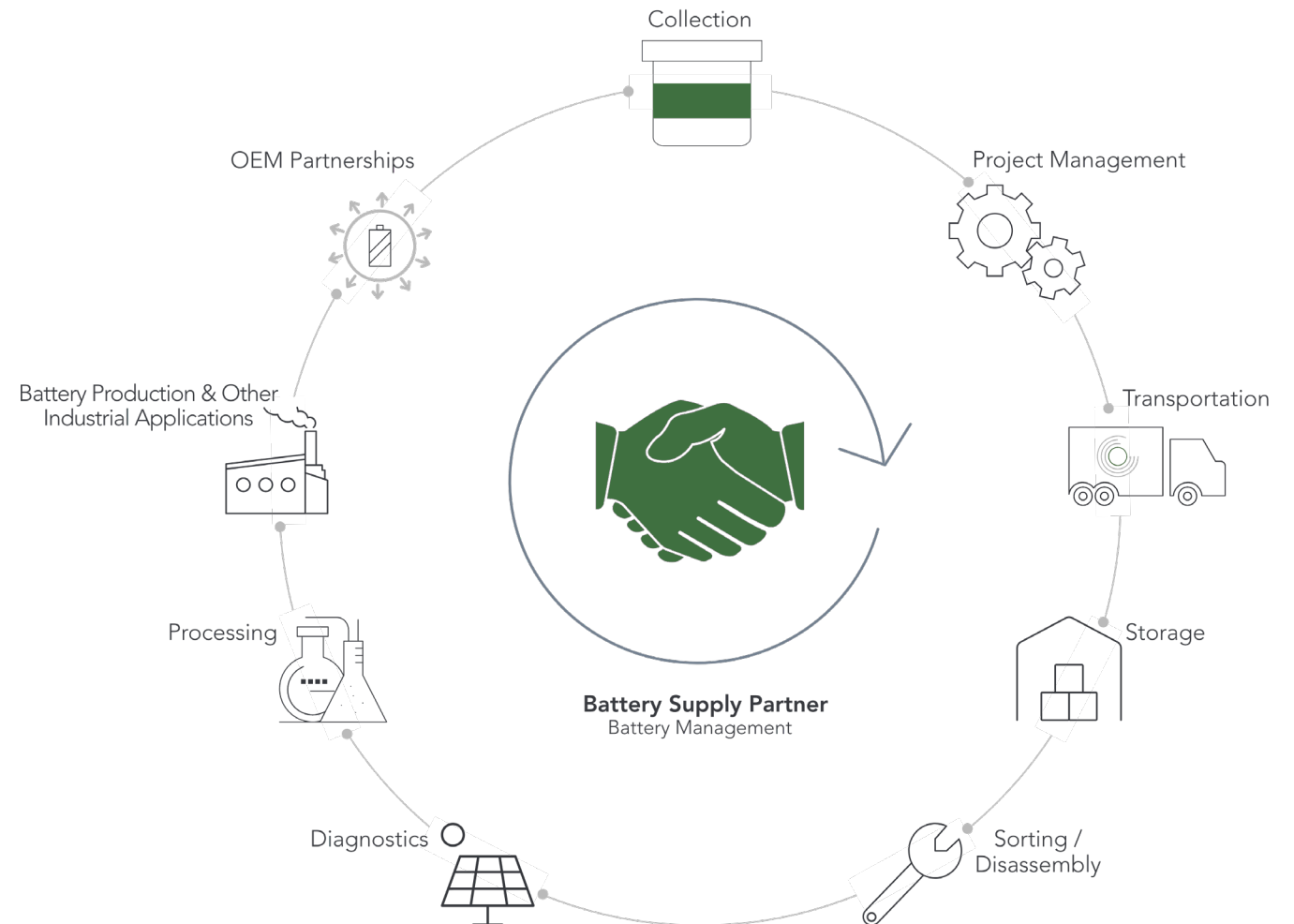


Battery Recycling Leader

Comprehensive Solutions for Partners

The most advanced battery management solution in the industry that enables a true closed-loop supply chain.

Major Industrial supply partners have multi-battery waste streams and need high-touch services, and Cirba Solutions provides them with a comprehensive solution.





Increasing Capacity & *Expanding Access to Critical Materials*

- Black Mass Processing Expansion of 600%
- Hydrometallurgy Processing for Battery-Grade Metal Sulfates
 - Expansion of Ohio facility on-track
 - Funding awarded for South Carolina lithium-ion processing site
 - Driving towards FEL-3 completion and sample testing
- 400+ new clean energy jobs in Ohio and South Carolina
- More than \$2 billion in investment
- Lancaster, Ohio expansion and Columbia, South Carolina facilities combined will provide enough battery-grade salts for more than 750k large-format batteries annually



Supports a Domestic Critical Minerals Market

- Strengthens our domestic supply chains, positioning the U.S. as a **leading producer of critical minerals**.
- Furthers the National Defense Stockpile sources to **reduce the nation's mineral reliance on China** and other foreign entities of concern.
- Supports the priority of accelerating access to domestically sourced critical minerals, thereby **enhancing national security and global competitiveness**.

The projects in Ohio and South Carolina solidifies our nation's positioning as a leading producer of critical minerals.





cirba[®] Solutions

Battery Management & Materials

The Future is Electrified.

Our standards set us apart.
Our services & technologies move you forward.
Real experience and proven results.

cirbasolutions.com