



Cirba® Solutions

Battery Management & Materials

EMPOWERING an *Electric Future* to  
Accelerate Human **PROGRESS.**

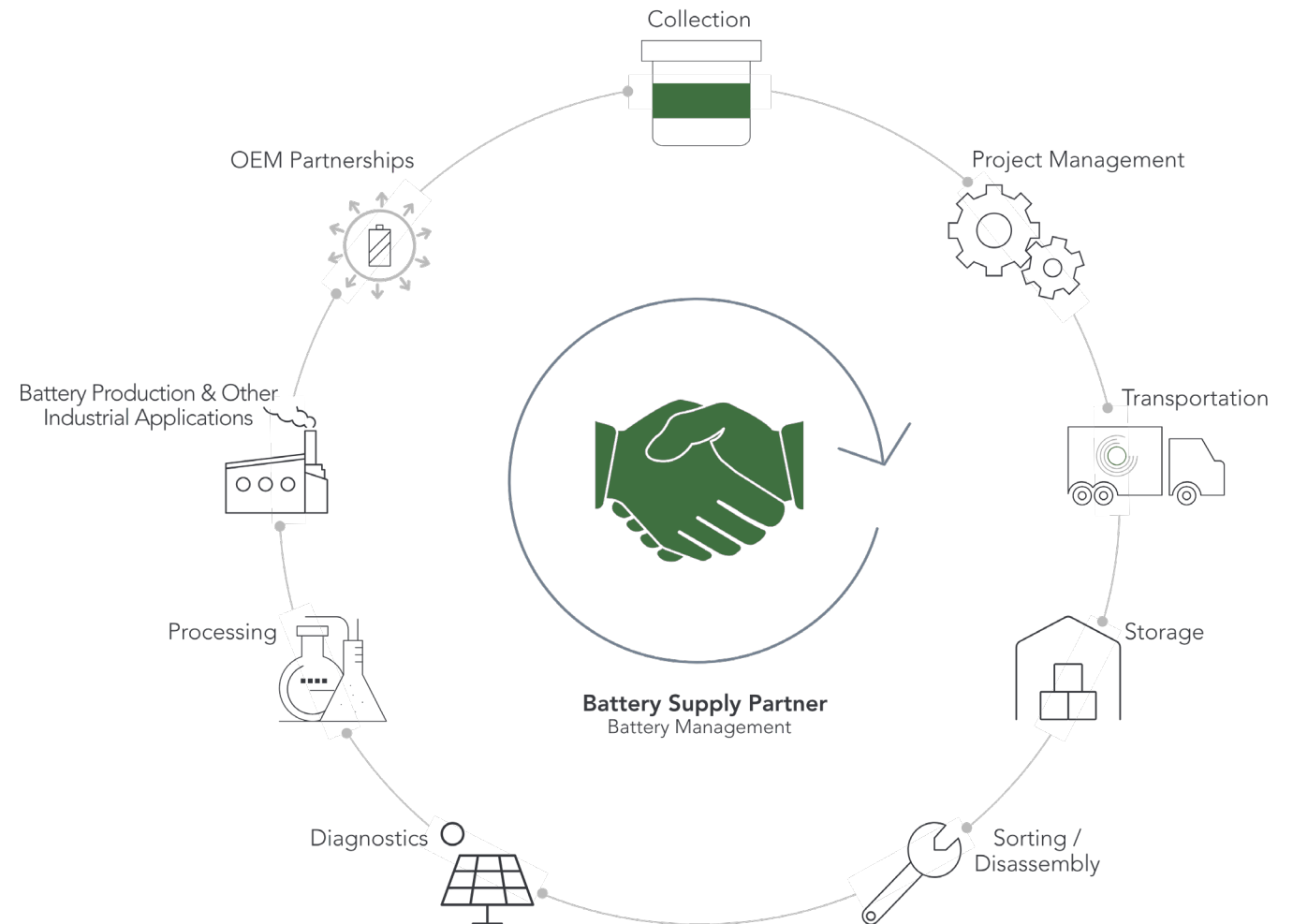
Canada ▪ Arizona ▪ California ▪ Indiana ▪ Michigan ▪ North Carolina ▪ Ohio ▪ South Carolina



# Battery Recycling Leader

## *Comprehensive Solutions for Partners*

- **30+ Years of Experience** (founded in 1991)
- **Feedstock** EOL batteries from EVs, Production Scrap, Portable Electronics, Post-Consumer, Energy Storage Systems, and more
- **6 operational sites in North America:** Arizona, California, Michigan, Ohio, & British Columbia
  - South Carolina (coming soon)





## Sustainable Content & *Expanded Access to Critical Materials*

- Black Mass Processing Expansion of 600%
- Hydrometallurgy Processing for Battery-Grade Metal Sulfates
  - Expansion of Ohio facility on-track (*Topping Out Ceremony held in November*)
  - 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 EV batteries annually







Cirba<sup>®</sup> 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](https://cirbasolutions.com)