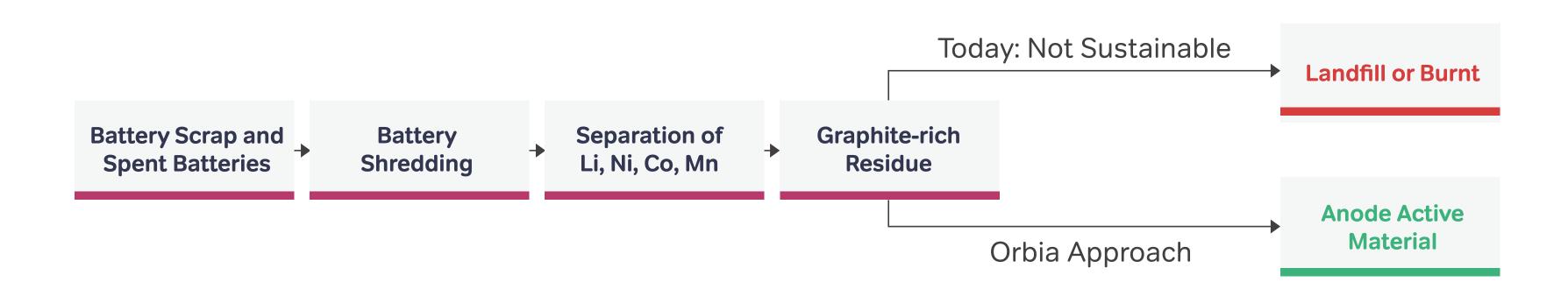


Sustainable Anode Material from Recycled Batteries

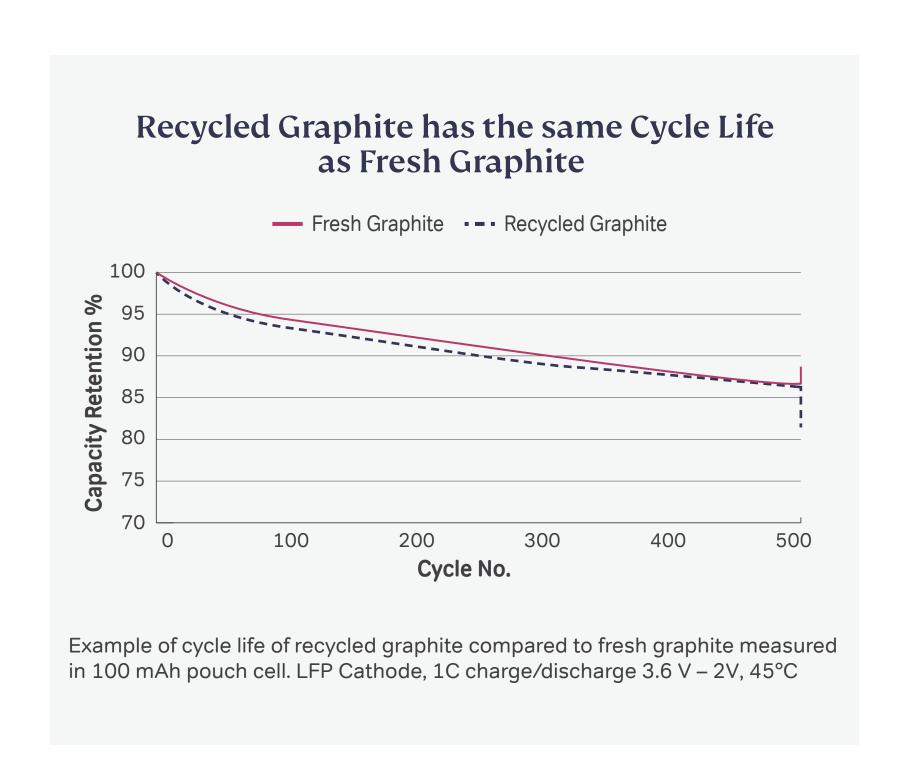
Orbia Fluor & Energy Materials (Orbia F&EM) has developed new technologies to recycle graphite from spent (scrap, manufacturing reject or end-of-life) batteries back into anode active material.

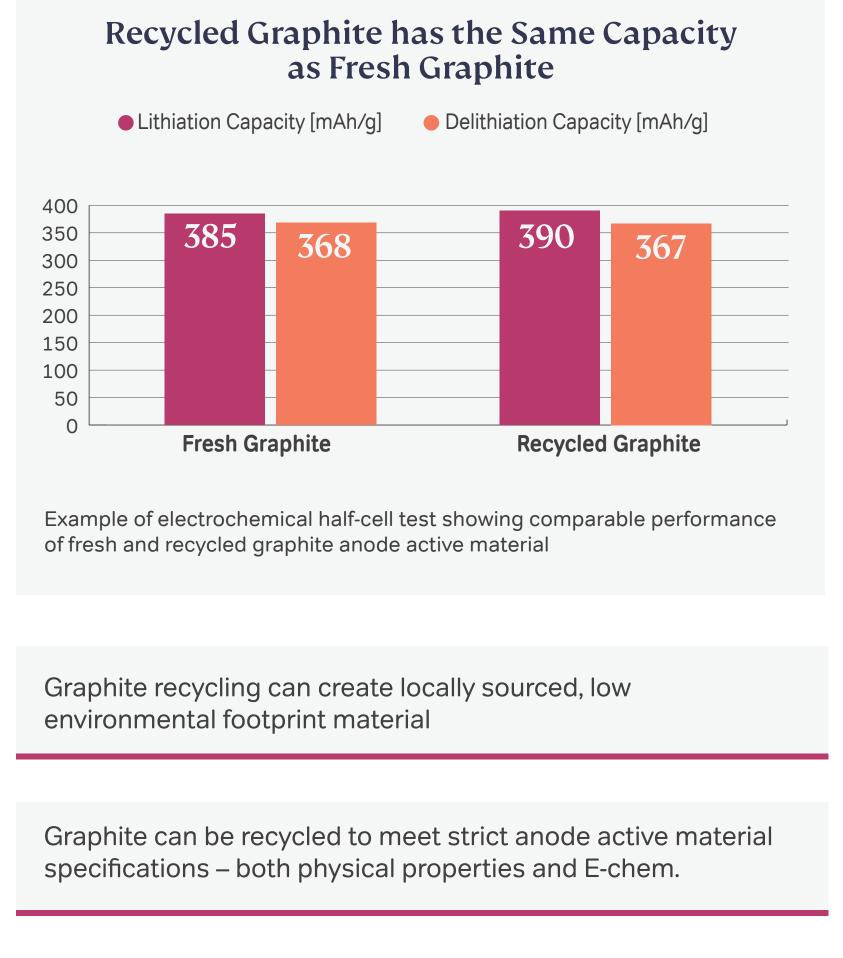
Recycled graphite anode active material has been shown to have identical performance to fresh graphite anode active material.

Orbia F&EM has access to high quality reagents (HF & HCl), experience, and existing permitting required for purifying and upcycling recycled graphite.



| | Fresh Graphite | Recycled Graphite |
|----------------------|----------------|-------------------|
| Particle Size D50 um | 11-13.5 | 11-13 |
| Tapped Density g/ml | >1 | >1 |
| Surface Area m²/g | <3 | <3 |
| Purity % | >99.9% | >99.9% |





Both scrap and end-of-life graphite can be upcycled with a

scalable process.