



Shredded e-Scrap circuit boards



- ✓ **Thermolyzer™ process**
 - ✓ Decomposes all polymers
 - ✓ Removes all halogens
 - ✓ Creates a clean syngas
- ✓ **Liberates ALL the metals on the board**
 - ✓ Fiberglass is removed
 - ✓ Providing a mixture of clean metals
 - ✓ Ready for **extraction & refining**



★ **Thermolyzer** is a continuous, oxygen-free, multi-reactor process

- Destroys toxic compounds, no hazardous emissions
- Clean syngas used to operate the reactors

★ **Thermolyzer** process has been validated using these feedstocks:

- Tires, plastics, auto shredder residue, MSW, fabrics, composites
- With recovered salable products: metals, carbon