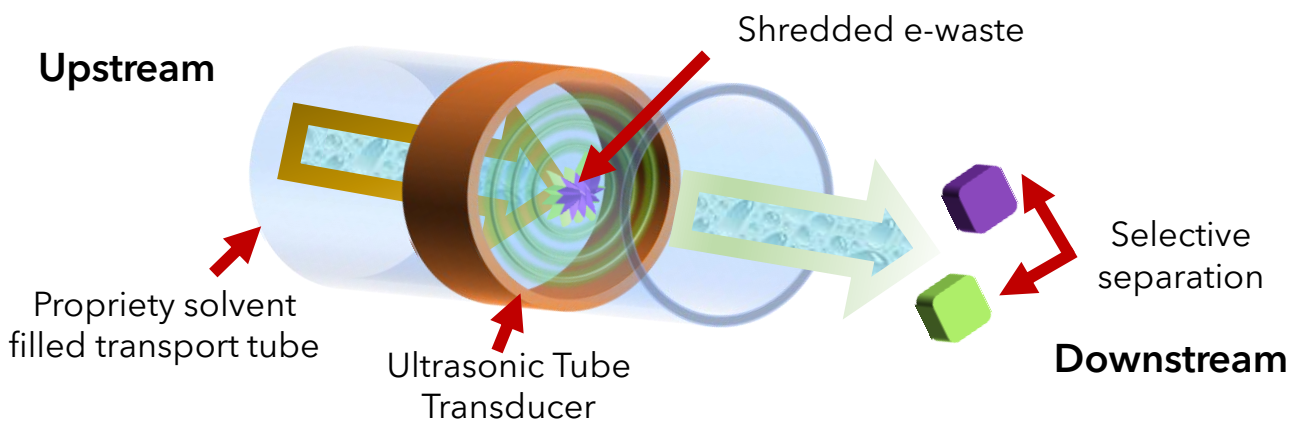


Our method recycles shredded e-waste, from various e-waste streams, that would otherwise be incinerated, increasing recovery of Critical Metals well beyond the typical 17-20%. It is faster, less energy-intensive, and significantly improves overall e-waste recycling yields.

How it works?

E-waste flows in a finely-tuned solvent through our reactor. A high intensity field of ultrasonic cavitation and our solution-based chemistry combine to selectively separate a specific metal in a short time and in a continuous flow. Precious and rare metals are recovered.



- ✓ Increased recycling rates of shredded e-waste
- ✓ Cheaper and better for environment than incineration
- ✓ Works on samples with a range of sizes and complex surface features
- ✓ A continuous flow process requires less human intervention making it safer while increasing throughput
- ✓ Reuseable and multi-purpose solvent reduces environmental impact

We are looking for

- An R&D collaboration partner
- An industry partner to bring this technology to the market

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