



Advanced Pyrolysis With Material Fractionation

Project Overview:

- Advanced Pyrolysis with Material Fractionation is an innovative approach to e-scrap recycling, optimizing the recovery of critical materials and minimizing environmental impact.

Key Advantages:

- Higher purity material recovery compared to traditional smelting.
- Reduced greenhouse gas emissions and toxic byproducts.
- Energy-efficient process with potential for synthetic fuel production.

Environmental Impact:

- Supports circular economy by converting waste into reusable resources.
- Reduces the ecological footprint of the electronics industry.

Next Steps:

- Scale to handle 500 tons of e-scrap annually by 2025.
- Secure partnerships across the recycling value chain.
- Pilot implementation with commercial partners by 2025.

