

Project Objectives

1. To address the remediation of a selection of waste streams through circular solutions, not including incineration or waste to energy.

Methodologies

1. Attendance at internal meetings with client sites to ascertain current progress and key challenges.
2. Review opportunities to assess waste streams that would have the most impact
3. Nationwide inquiry into appropriate vendors for :
 - a. Multi-material waste
 - b. Solvent cleaning and return
 - c. Copper as a raw material
4. Documentation of our process
5. Organization of process with case studies of waste remediation as exemplars

Main Findings

Key Barriers: Challenge to find specialized vendors who can address waste without incineration

Recommendations and Deliverables:

1. A roadmap for the standardization of waste remediation; applicable across the organization
2. Targeted solutions for 3 kinds of manufacturing waste: copper, ethyl acetate solution & used caulk cartridges
 - a. Including contacts & research

Next Steps

- 1) Continue progress with vendors for waste remediation of key waste streams
- 2) Apply Roadmap methodology to other waste streams across U.S. manufacturing operations.