

Summary: Furniture Re-X

Opportunity

According to the US EPA, an estimated 9.7 million tons of furniture ends up in landfills every year and office furniture is the major component of this material.

Solution

Team Gen7 will expand the existing remanufactured office furniture supply chain using a Workspace as a Service model (WSaaS) enabled by Manufacturing Enterprise System (MES) and Enterprise Resource Planning (ERP) tools with embedded artificial intelligence (AI). A hub-and-spoke network will be established starting with the Seneca Holdings and scalable to Tribal Nations across the U.S.



Impact expected in 10 years

- 730,000 Metric Tons of CO2e emissions avoided
- 286,000 Metric Tons of material diverted from landfill
- Over 8,000 jobs created
- Economic growth in the underserved Native American community

