Packaging Success Story – Plastic Slip Sheet implementation for Electronics Manufacturer

**Project Objective:**
- Increase cube optimization
- Optimize product protection and minimize use of packaging material
- Reduction in transportation cost / fuel / emissions
- Reduce packaging and increase density of components in shipping containers (in and outbound)

**Approach:**
- Packaging redesigned to reduce weight and increase shipping density
- Implementation of plastic slip sheets
- All packaging material sent to local recyclers to be sorted and converted into a finished recycled good

**Successes/Savings:**
- Fresh Pak implemented plastic slip sheets for a global supply chain
- Removal of 1 million pallets the first year throughout their supply chain by switching over to the plastic slip sheets
- Packaging savings in excess of $30M USD
- 25% increase in container freight density
- 17,000 tons of total packaging tonnage reduction first year
- Improved environmental awareness throughout the organization

**Traditional Material Handling:**
- Wood Pallet
  - Material: New Timber
  - 500 Pallets
  - Weight: 32,500 lbs.
  - Volume: 2,825 cubic feet
  - 10 Pallets: 4 feet high
  - Cost: Up to $7,500
  - End of Life: Landfill

**Sustainable Material Handling:**
- Plastic Slip Sheet
  - Material: Recycled Plastic
  - 500 Slip Sheets
  - Weight: 1,000 lbs.
  - Volume: 35 cubic feet
  - 500 Slip Sheets: 10" high
  - Cost: $750
  - End of Life: Closed loop recycling program