

CASE STUDY: HOUSEWARES

Old ideas don't weigh us down.

The Challenge

Large global supplier of value-based furniture and home goods approached Material ConneXion with a desire to incorporate circular economy into their everyday lines.

The brand needed to improve the recyclability of floor lamps that are typically weighed down using low-cost poured cement bricks. These bricks go inside the base of the lamp and are typically covered with a metal or plastic shell. Though inexpensive, once made they are unrecyclable and contribute to landfill waste.

Key Requirements

- + Circular Economy
- + Cost Effectiveness
- + Ease of Implementation

The Discovery

As a method of controlling waste in metalworking plants, scrap is typically pressed together into a 'puck', which makes the swarf, off-cuttings, and excess metal more compact and easier to handle.

The Material Solution

The furniture company now incorporates metalworking pucks as a base weight in their lamp designs, reducing waste and allowing them to be recycled — promoting a more circular economy model.

Material Landscape provides select resources through material deliveries and focused project workshops on topics such as:

- + Sustainability
- + Efficiency Evaluation
- + Competitive Analysis
- + Product Evaluation
- + Opportunities Analysis
- + Material Trends