

Ocean Bound Plastic,

Herman Miller's journey to date.

Amy Luthman, Core Team Lead, Colors, Materials & Finishes

Bob Teasley, Director of Supply Management, New Product Development

Herman Miller Journey

- Joined Nextwave in 2017 where we began to understand the scope of the problem and availability of material
- Direction to have an impact, not simply make a product for publicity
- Investigation into multiple use cases with multiple trials, starts and stops
- Work on packaging, textiles, plastic components





Ocean Bound Plastic

Ocean Bound plastic is defined as plastic that has not yet found its way into the ocean and is classified as "mismanaged waste." That is, plastic that is not being collected and not likely to be collected and is found on the ground within 50 kilometers of a waterway or coastal area.

Due to the high rate of fishing gear abandonment, NextWave Plastics includes reclaimed used fishing gear in our definition of ocean-bound plastic eligible for use in member companies' products

NextWave member companies are helping the global manufacturing community understand that ocean-bound plastics can carry a commercial value. Through our principles of open-source collaboration, NextWave Members are demonstrating what's possible: successful businesses and a cleaner ocean.



NextWave Member Use Cases





HP Elite Dragonfly Notebook, HP ZBook Create, Original HP Ink Cartridges, and More



Dell XPS 13" 2-in-1 Laptop Packaging Tray



CPI Second Wave™ Payment Cards



IKEA MUSSELBLOMMA Collection





Trek Bicycles Bontrager Bat Cage and XR Trail Mountain Bike Grip Set



Solgaard Shore-Tex Collection and HomeBase and Solar Boombox Ecosystem



Humanscale Smart Ocean & Liberty Ocean Chairs

Aeron Onyx

Nylon component

ABS alternative, recycled PET

Bottle diversion:



0.5-2.5 bottles per chair

15 million bottles annually



150 metric tons of OBP annually

90% recyclable materials 50% recycled content





Textiles: The Revenio Collection

Features fabric made entirely of recycled and ocean-bound plastic materials and an industry-leading 100% post-consumer recycled biodegradable polyester*

Bottle diversion:

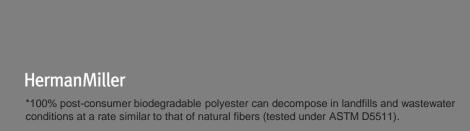


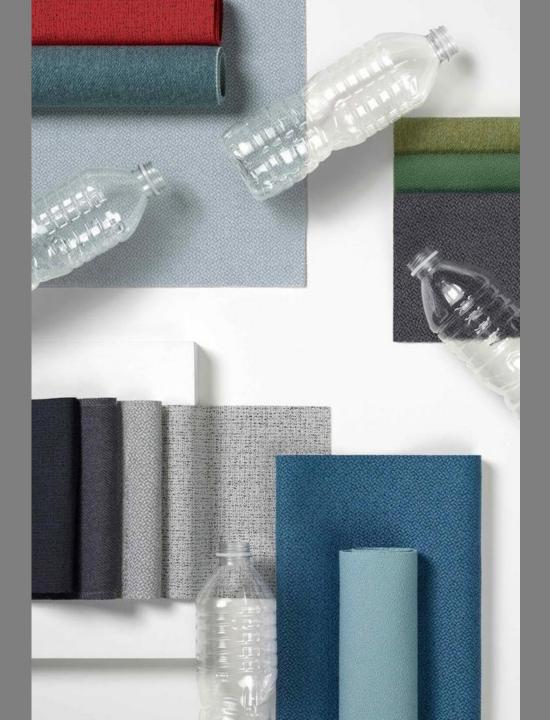
7-15 bottles per yard of fabric



37,000 pounds annually

4.6 million bottles / 1.37 million from vulnerable coastline cities





Other use cases

- Utility Tray
 - 20 metric tons annual impact
- Returnable packaging
 - 1.5 metric tons per 100 containers
- Blown Film bags
 - 1 metric tons
- Miscellaneous components
 - Less than 1 metric ton





Social Impact

There are approximately 20 million waste pickers globally, responsible for 60% of global recycling

The vision of NextWave:

- Supply chain network protects the ocean from plastic,
- Ensures social responsibility protections, including: safe working conditions, transparency, decent work for equitable pay, and inclusive of the entire supply chain.

Herman Miller and Herman Miller Cares has partnered with OceanCycle to impact global wastepicker communities through social uplift interventions.

Together we will:

- Provide essential nutritional health and safety assistance to meet basic needs
- Enable growth and empower individual collectors
- Establish a scalable intervention process to expand globally



