MARINE DEBRIS, WORLD CLEAN UP DAY, ZERO WASTE

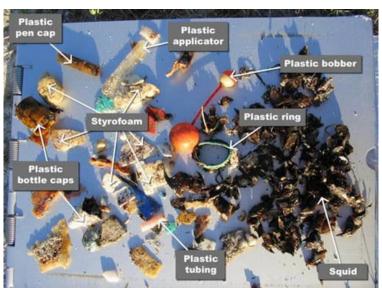
Richard Anthony
Zero Waste International Alliance
National Recycling Congress • December 2, 2020



Plastic is Increasingly taking the Place of other Materials for Packaging







Even without Oil and Plastic Industry Leadership, the Value of this Resource has Encouraged an Informal Collection System







Recycling is Rarely Included as a Priority in the Design of Single use Packages and Products







This Unintended Consequence has Turned into a Global LifeThreatening Health Crisis







The Plastic Industry Must Develop a Closed Loop Recovery System for Products and Packages and include Recovery in the Product Design.



By Adding Value to the Material and Offering Convenien and Available Recovery Programs, Resource Management will overcome the Throwaway Mentality













Zero Waste Declaration 10-26-20

The first Earth Day was over 50 years ago. Recycling, its natural industrial child, was envisioned to complete the resource circle, save the wilderness, generate jobs, and build the back end of the Gross National Product (GNP) all at once.

We believe the Earth calls us each and all to move swiftly towards Zero Waste.

This Zero Waste World will be founded on environmental and social justice principles that help create vibrant communities in harmony with nature:

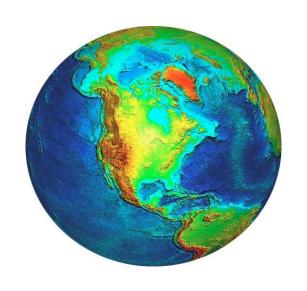
• CENTER EQUITY: We stand in solidarity with and support the efforts of frontline communities and Black, Indigenous and People of Color. We envision a just and inclusive system resulting in a sustainable and regenerative future, while advocating for policies and practices that ensure human safety, equitable access to resources and opportunities, and elimination of toxins and pollution that negatively impact ecological health.

- REDESIGN: We insist that manufacturers minimize and, where possible, eliminate
 hazards and redesign products for highest material and energy efficiency, focusing
 services and products to embody durability, repairability, reuse, with recycling and/or
 composting as a final option, in that order.
- BAN WASTEFUL PRODUCTS: We will ban products that are demonstrated to be wasteful by design, or contaminate recycling or composting programs, or are problematic in the environment.
- MAKE PRODUCERS RESPONSIBLE FOR PROBLEM PRODUCTS: We insist companies minimize and, where possible, eliminate the hazards their products pose to the environment and human health throughout the entire life cycle of the product, from resource extraction to final disposition. Further, producers should be held financially responsible for remedies of their product's impacts including costs for health care, management of discards, and environmental clean-up.
- SEPARATE AT THE SOURCE: After redesign, we will collect all discarded materials and products separated at the source and further sort them into higher quality fractions for reuse, recycling, or composting, with nothing left out and nothing left over.

- **RESCUE FOOD AND COMPOST ORGANICS**: We will establish and support programs to rescue food for people and animals, and to recover organic materials to make and use compost and mulch to reduce and sequester greenhouse gases.
- SUPPORT AND EXPAND REPAIR AND REUSE: We will support existing reuse and repair organizations and infrastructure and expand opportunities for reuse and repair through outreach and education, promotion, and investment.
- BUILD ZERO WASTE INFRASTRUCTURE: We will invest in Zero Waste infrastructure, including resource recovery parks, to safely salvage usable items and parts and handle all discards as resources to be refined.
- END WELFARE FOR WASTING: We will end subsidies for resource extraction and support choosing recovered materials first for manufacturing.
- ADVOCATE AND ADAPT AS NEEDED: We will use our power as advocates and professionals
 to show what is possible and help policymakers avoid mistakes in meeting the goals that
 we help them envision. Responses to new challenges such as pandemics, natural
 disasters, and weather-related emergencies should not create barriers to move towards a
 just world of vibrant, resilient, Zero Waste communities, in harmony with nature.

To achieve a worldwide culture that sustains the planet in perpetuity, we stand together!

HOW MUCH WASTE ARE YOU FOR?



ZERO!!!

www.ZWIA.org