

City of Saint Paul – Sustainable “To Go” Food Packaging Initiative

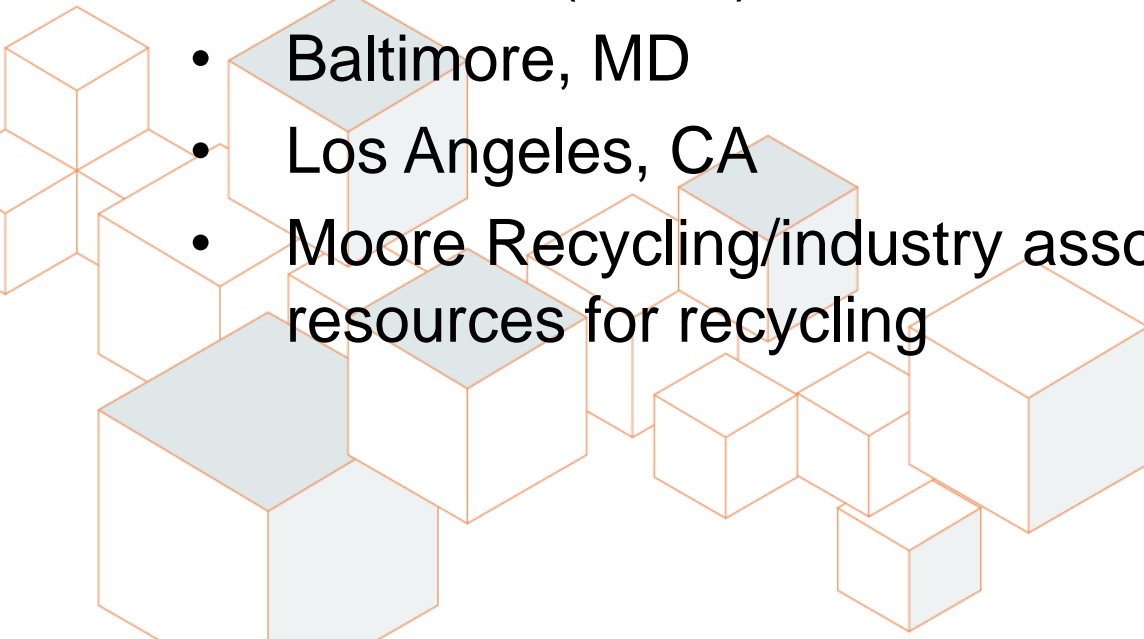
Partnerships: Successful approaches to
reduce litter & waste (case studies)



Nov 21, 2016 Working Group: Mike Levy, ACC PFIG

Partnership Case Studies – Litter & Waste Reduction Case Studies

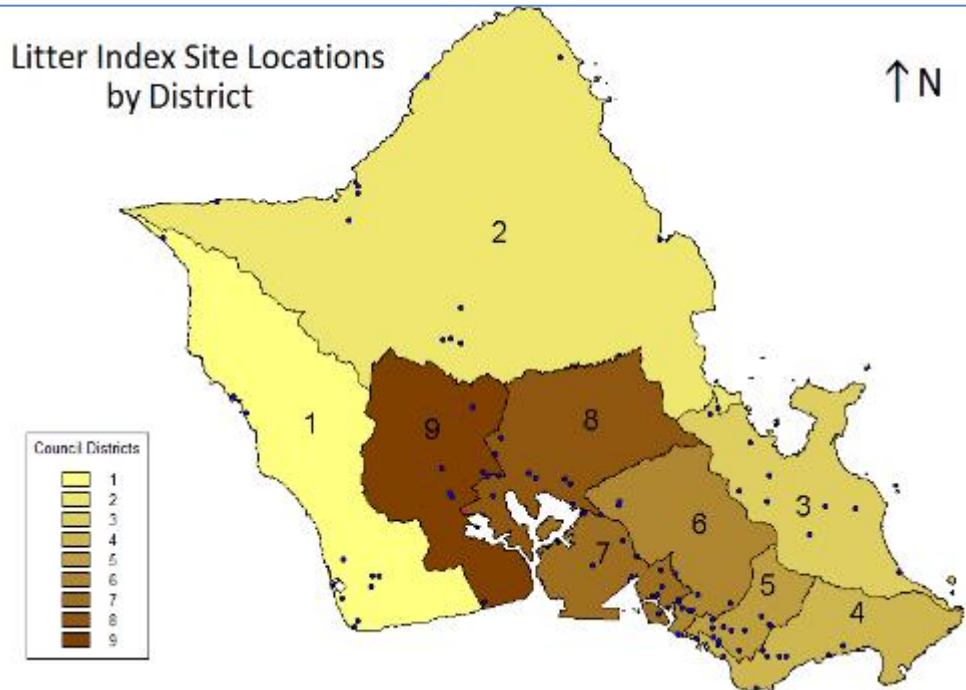
- Partnership approach – deals with litter/waste reduction for packaging without impacting specific products
- Industry/City Partnerships – ACC experience
 - Honolulu (Oahu), Hawaii
 - Baltimore, MD
 - Los Angeles, CA
 - Moore Recycling/industry associations – web resources for recycling



2016 Activities

- Honolulu – Implementing Litter Abatement Programs

1. Kupu Intern – Litter
2. Litter Index - Including Storm Drain Inlets
3. Ala Moana - Lidded Receptacles Pilot Program
4. Environmental Court Training - Focus on Litter and Stormwater Trash



Site 9-1

Survey Type: Driving
Survey Target: Lumiaina Street
Starting Point: Lumiaina Street starting at 94-799 Paiwa Street
Direction to travel: Southeast
End Point: Largo Bldg. (Church) just past Pulelo St.

Site Length: 0.5 miles
GPS Coordinates: 21.401265, -158.008853
Road Type: Arterial
Area Type: Commercial

Google Streets link: [Site 9-1](#)

Street map of Site 9-1 start point



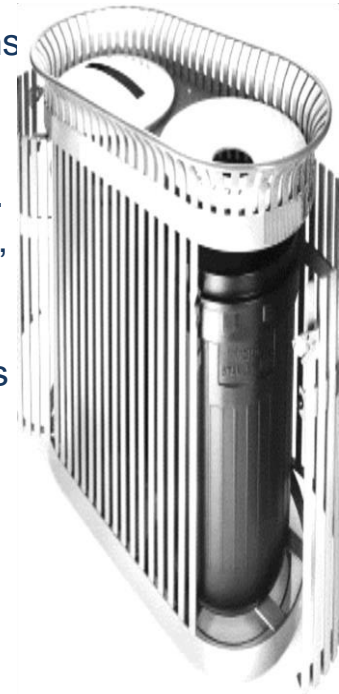
Ala Moana Park – Lids make a difference to prevent blowing litter than becomes packaging waste in ocean

KHIB (Keep Hawaiian Islands Beautiful) and KAB (Keep America Beautiful) - KHIB, KAB and the William S. Richardson Law School in Honolulu is development and presenting enforcement training materials based on local ordinances and state laws related to litter, illegal dumping, marine debris and storm water trash. Training to law and code enforcement officials, prosecutors and justices will also explain how litter-related problems negatively impact Honolulu as a community as well as the vitality of its tourism industry.

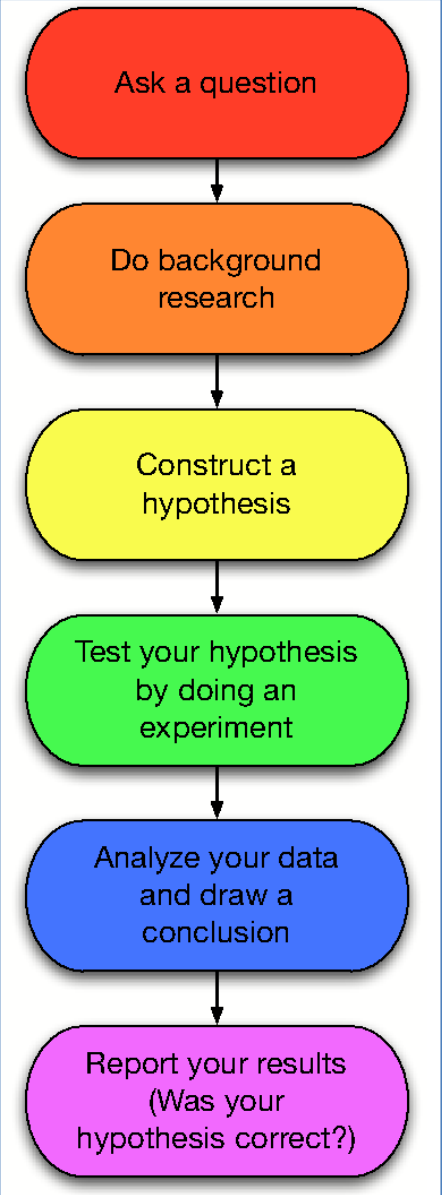
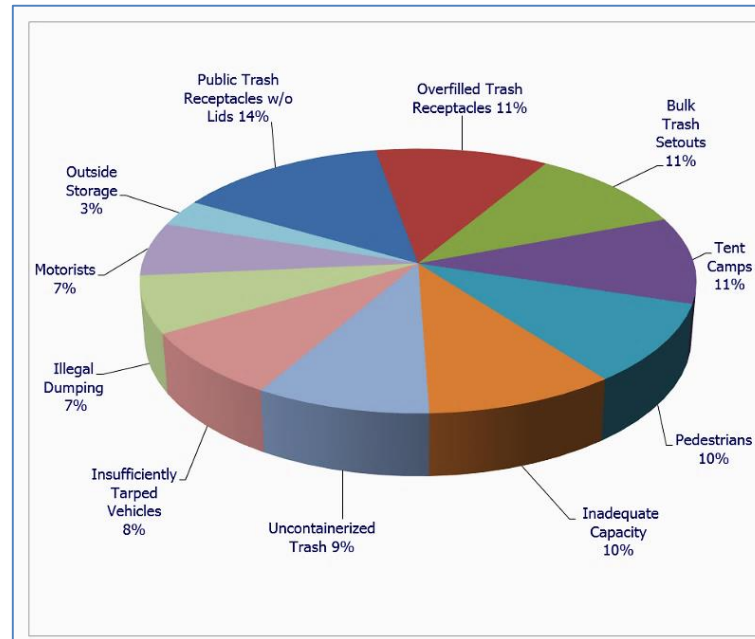
Local Hawaiian Restaurants - Hawaiian local restaurants play a special role in Hawaii culture. Led by Zippy's and several other local restaurants, with the guidance of ACC consultants, they have developed a local restaurant pledge based on *Aloha Aina* (Love of the Land), called "Malama 808" to take measures to prevent trash and litter from leaving their establishments. "Malama" is the Hawaiian word for "care for" or "take care of," and 808 is Hawaii's area code.

KUPU, whose mission is to empower youth to serve their communities through character-building, service learning, and environmental stewardship opportunities that encourage integrity (pono) with God (Ke Akua), self and others, is working with KHIB in an intern program to help foster positive litter prevention and education messages.

Commercial Harbor (implementing EPA and Hawaii Department of Health/HDOH) ERP will coordinate with KHIB to develop materials for and conduct a workshop to educate harbor tenants on and help them implement best practices for reducing harbor litter and storm water trash that can become marine debris. This training and promoting tenant's participation in the Adopt-a-Harbor program will show that the Harbor and its tenants are making good faith efforts to comply with the HDOT Consent Decree of 2014.



Importance of Good Litter Science



Baltimore, MD Partnership - 2013



STEPHANIE
RAWLINGS-BLAKE
MAYOR



VALENTINA I. UKWUJOMA
BUREAU HEAD

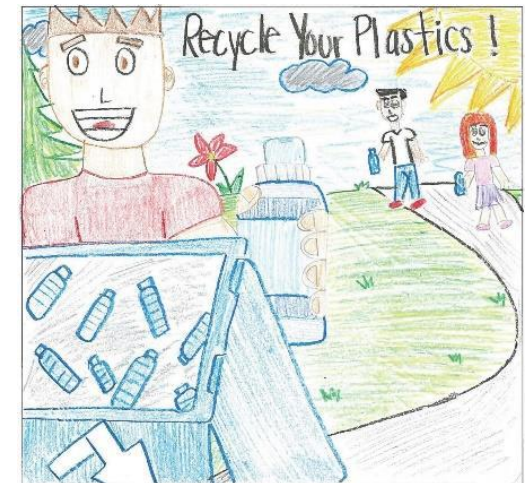
- Baltimore city wanted to adopt zero waste policy by banning visible littered products
- ACC and City discussed positive solution approach
- City asked to get neighborhoods engaged to take litter ownership (packaging)
- ACC sponsored “Clean Community Competition” - \$24,000 in award money to winners
- Mayor/City/community benefited
- Waste Management sponsored similar event – continuity now

Los Angeles City and County Partnership to address zero waste – recycling promotion efforts

- City of L.A. sought education for “New to the Blue” recycling program – ACC contributed \$250,000 to help citizens with identification of plastics
- Litter (packaging) prevention programs. For 10 years, ACC has sponsored Friends of the L.A. River (FoLAR) and the L.A. Conservation Fund (education group) to collect, measure and clean up L.A. River – measuring how much waste reduced year by year
- ACC teamed with California Restaurant Association (CRA) to promote “Rinse and Recycle” program with restaurants to recycle polystyrene and other plastics foodservice. Over a thousand restaurants put posters and education materials to encourage customers who take home food Packaging to “rinse and recycle”

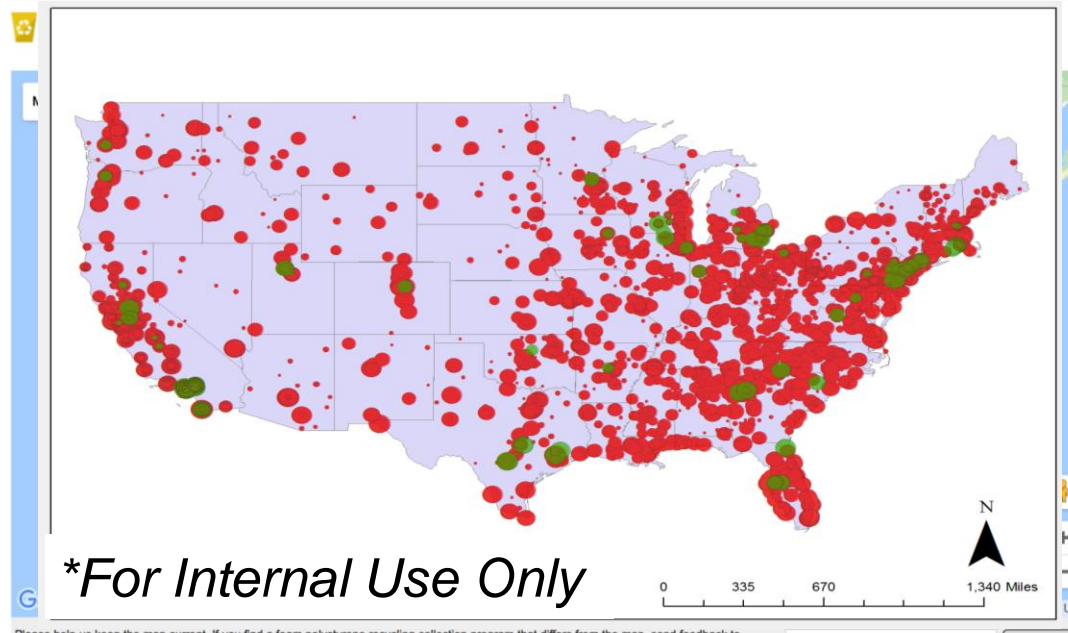
LA Conservation Corps and ACC

The Plastics Division of the American Chemistry Council is proud of our decade-long history of promoting recycling and environmental responsibility to youth in the Los Angeles region



We are especially proud to have supported the LA Conservation Corps River Corp program since its inception to help teach responsible consumer behavior toward the environment through education and clean up. Thank you for all you do!

Availability of Recycling Study Update: Material Specific Update



- Add material specific drop-offs to availability study
- Original study did not capture them
- Very common for foam PS recycling

Foam PS Map and Webpage

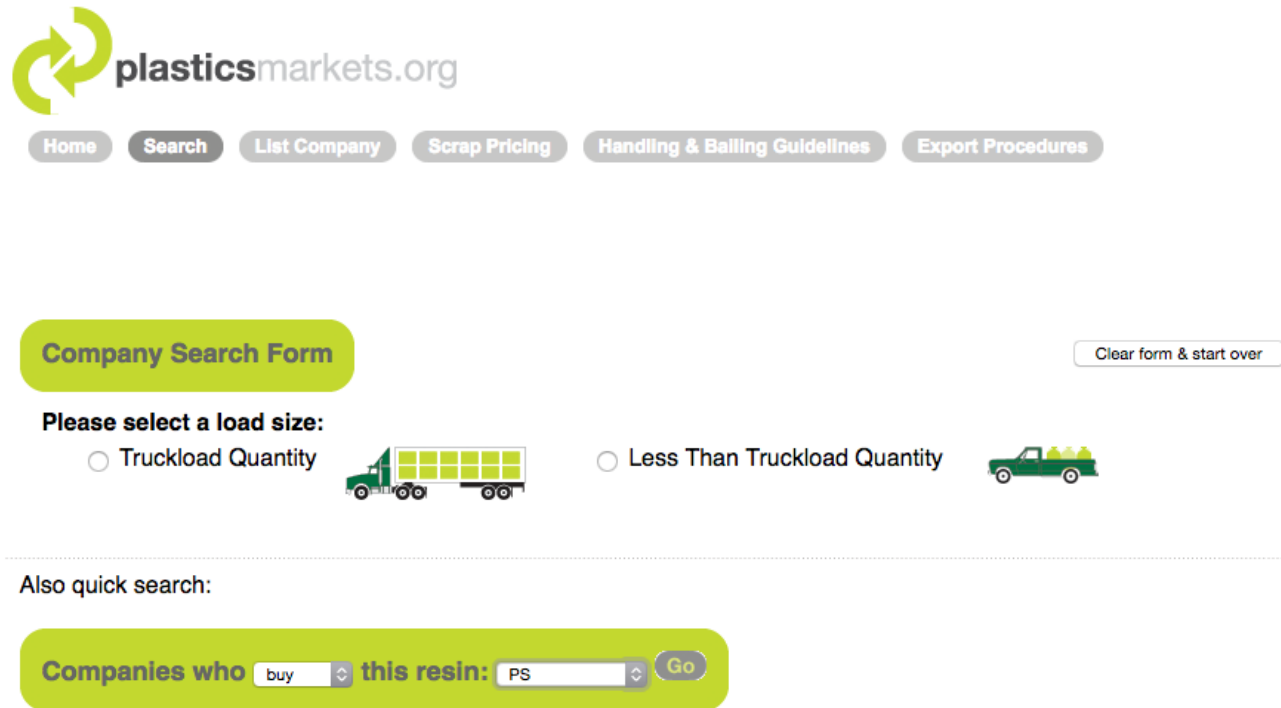


- Regularly Updated
- Add new locations quarterly (489 locations)
- Immediately remove bad locations
- Spot-check website links regularly

http://www.recyclemoreplastic.org/plastics/eps_map.html

Foam PS listings: PlasticsMarkets.org

- Plastics Markets:
 - 9 suppliers
 - 19 buyers



The screenshot shows the homepage of plasticsmarkets.org. At the top is the logo, which consists of two green arrows forming a circle, followed by the text "plasticsmarkets.org". Below the logo is a horizontal navigation bar with buttons for "Home", "Search", "List Company", "Scrap Pricing", "Handling & Baling Guidelines", and "Export Procedures".

The main content area features a "Company Search Form" with a "Clear form & start over" button. Under the heading "Please select a load size:", there are two radio button options: "Truckload Quantity" (selected) and "Less Than Truckload Quantity". Each option is accompanied by a small icon: a green truck for "Truckload Quantity" and a green pickup truck for "Less Than Truckload Quantity".

Below the search form, there is a section titled "Also quick search:" which contains a search bar with the text "Companies who buy this resin: PS" and a "Go" button.

Questions and Answers
