



Plastic Pollution Mitigation

MBNMS Sanctuary Advisory Council

August 17, 2018





About Us

For 40 years, Save Our Shores has been protecting California's Central Coast – from offshore oil drilling to sand mining; Sanctuary status to plastic pollution

2017 Refreshed Mission Statement

To steward clean shores, healthy habitats and living waters to foster a truly thriving Monterey Bay and Monterey Bay National Marine Sanctuary



Clean Shores



Healthy Habitats



Living Waters





THE PROBLEM





1950's





Today





Why We've Gone from Love to Hate





California Statistics

An estimated **3 million tons of trash** can be found off the California coast after a storm or holiday...





SOS Litter Stats

2017 By the Numbers



1. Cigarette Butts	21,166
2. Plastic pieces	18,621
3. Plastic wrappers	11,366
4. Polystyrene pieces	8,776
5. Paper pieces	7,017
6. Glass pieces	4,060
7. Plastic bottle caps/rings	3,526
8. Metal bottle caps	2,393
9. Glass bottles	2,136
10. Plastic bottles	1,956

Microplastics = 38,753





SOME SOLUTIONS





Polystyrene Packaging Bans

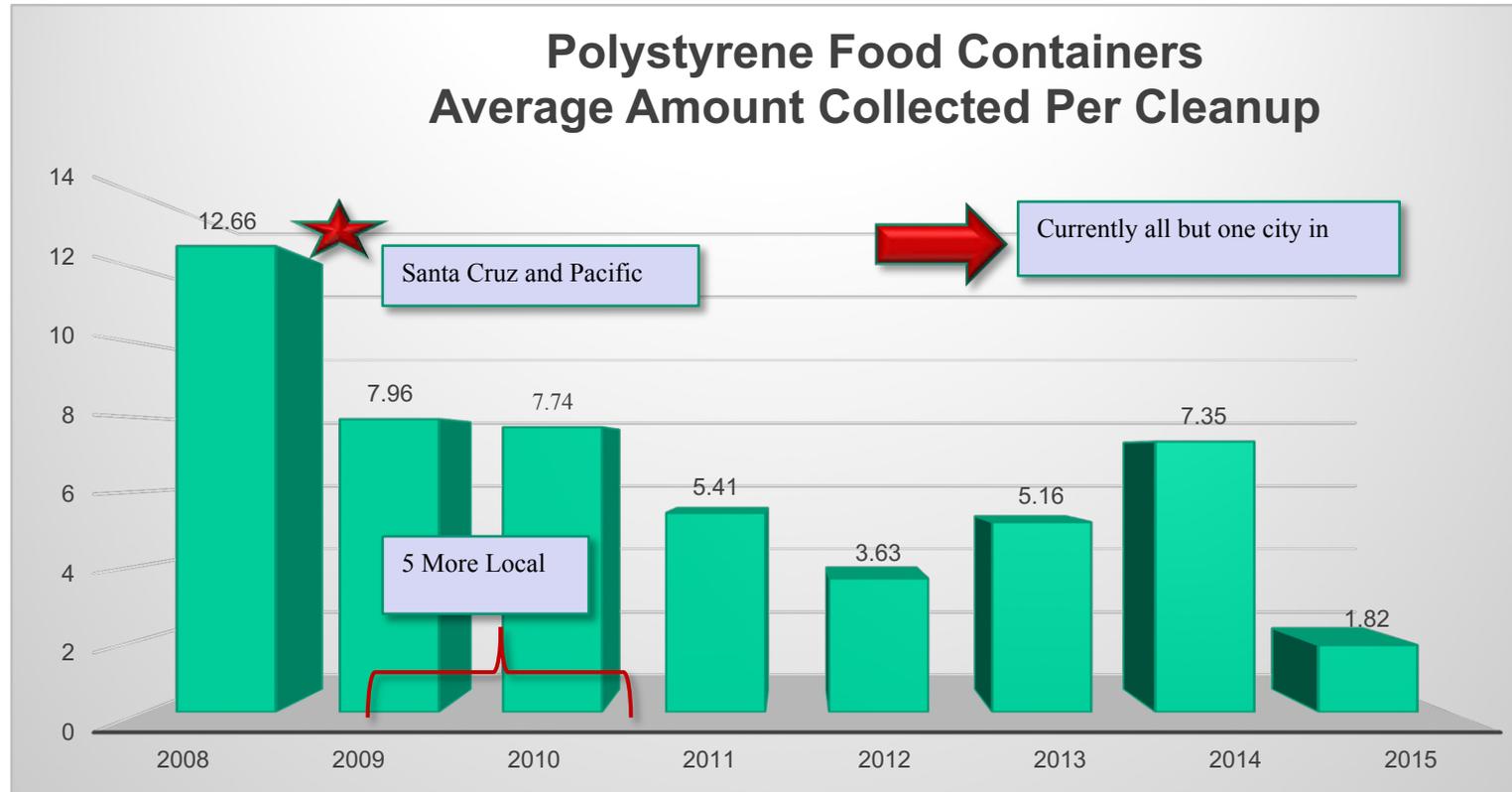


- Facilitated passage of polystyrene packaging bans
 - Capitola – Carmel - Del Ray Oaks – Marina - Monterey County
Monterey City - Pacific Grove - Salinas - Santa Cruz County Santa
Cruz City - Scotts Valley - Seaside – Watsonville
- Currently supporting statewide polystyrene legislation
SB1335





Polystyrene Trash Trends





Single Use Plastic Bag Bans

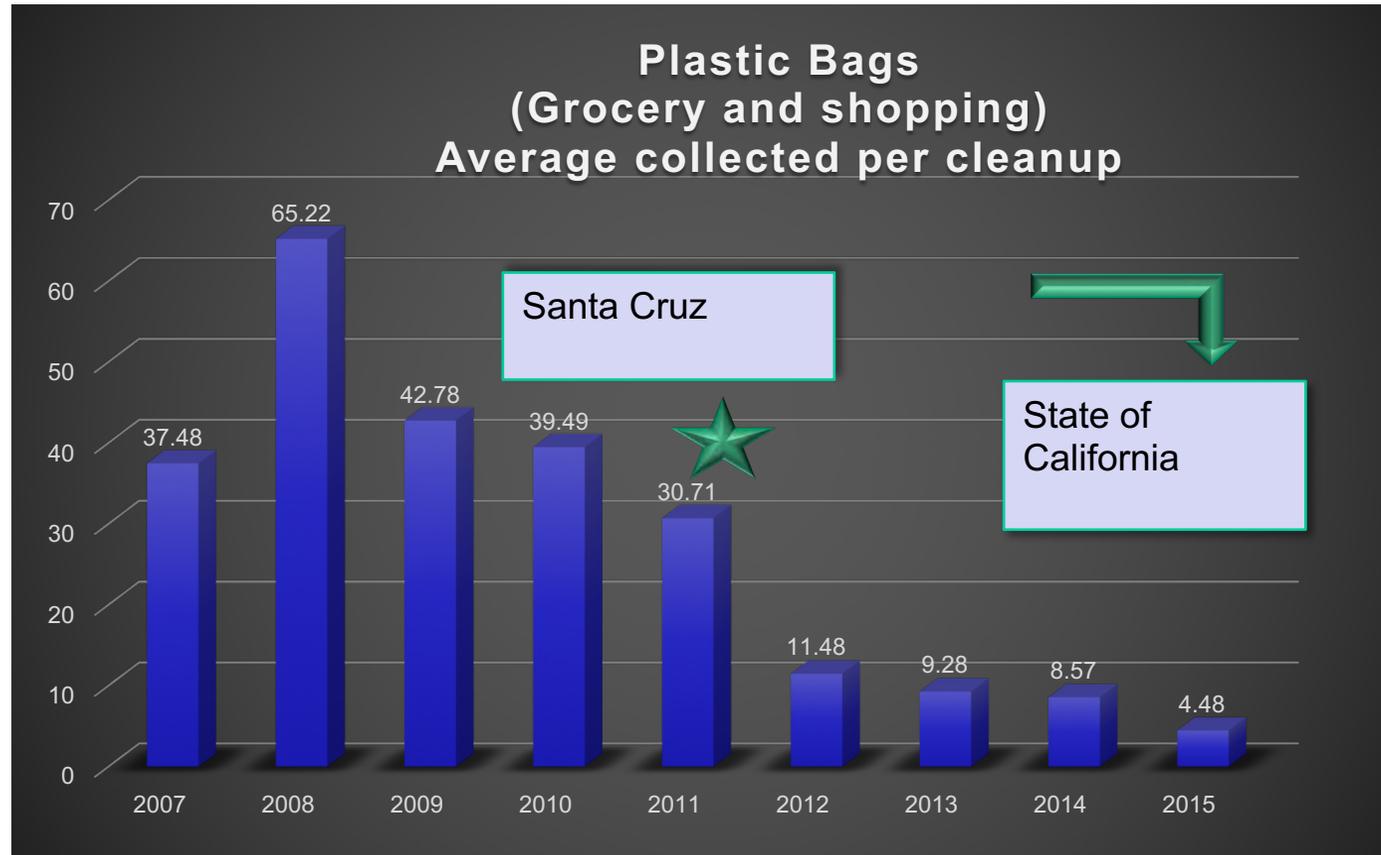


- Facilitated passage of single use plastic bag bans:
 - Capitola – Carmel – Gonzalez – Greenfield – King City - Marina
Monterey County – Monterey City – Pacific Gove - Salinas
Santa Cruz County – Santa Cruz City – Seaside - Watsonville
- Led central coast effort to defeat plastic bag industry's efforts to overturn statewide ban (2016)





Plastic Bag Trash Trends





Expanded Packaging Ordinances

- Santa Cruz County expands polystyrene ordinance to include all non-recyclable/non-compostable plastic food service ware (2017)
 - Straws, cup lids, stirrers, cutlery
- County hires Save Our Shores to conduct county-wide outreach to help “to-go” food businesses comply
- Save Our Shores facilitates passage of similar ordinances in
 - Capitola, Carmel, Santa Cruz City, Scotts Valley (and continuing efforts across Monterey County)





Current Focus #1

Single use plastic toiletry bottles in hotels...

From



To



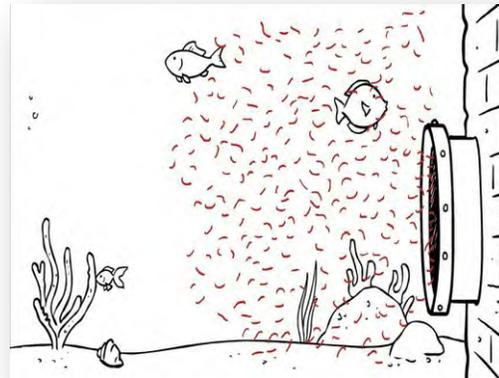


Current Focus #2

Microfibers in our laundry...



From



To





Current Focus #3

Single use coffee pods (K-cups)...

From

K-Cup



To

Reusable Filter





Current Focus #4

Single use plastic bottles...

From



To





LONGER TERM





Packaging

Today, packaging is the poster child of the linear economy

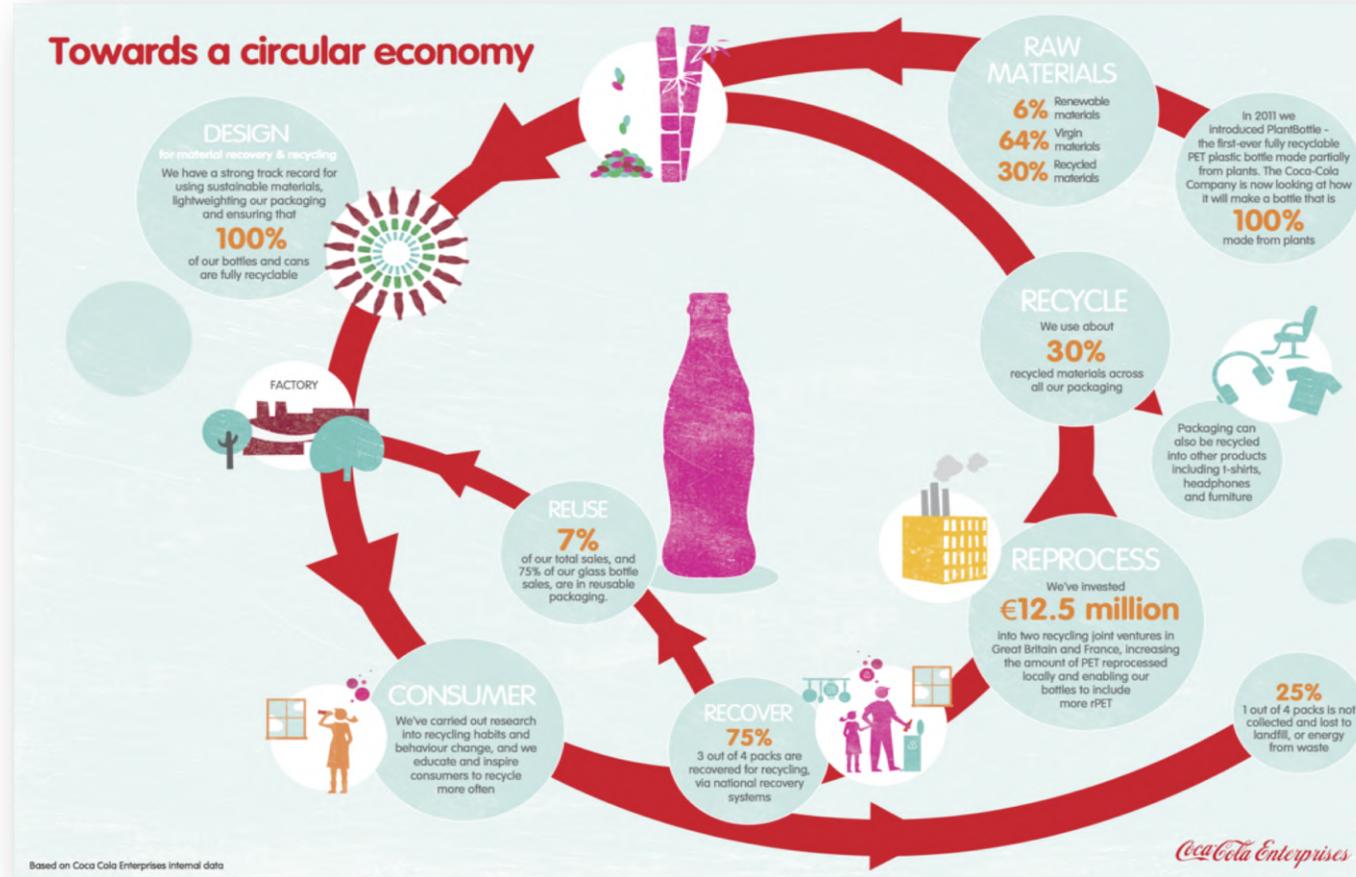


TAKE ~ MAKE ~ WASTE





Close the Loop – Circular Economy





Extended Producer Responsibility

Extended Producer Responsibility (EPR) is a policy approach under which producers are given a significant responsibility – financial and/or physical – for the treatment or disposal of post-consumer products. (OECD)

Assigning such responsibility is intended to:

- Provide incentives to prevent wastes at the source
- Promote product design for the environment
- Support the achievement of public recycling and materials management goals

