



Welcome to
Northeast Resource
Recovery Association's
Summer Webinar Series

Need Professional Credits?



- Receive 1 hour of professional development credit from NRRRA for viewing this webinar.
- Webinars are recorded and made available for those who registered.
- Complete the survey at the end and connect with NRRRA.
- Continue your learning with webinars all summer long!
- Visit our new website at: nrrarecycles.org



For Registration:
nrrarecycles.org

Operator Track - Wednesdays 9:00 am - 10:00 am

Date	Webinar	Presenters
August 12, 2020	Educate, Don't Contaminate! A Toolkit to Clean up Recycling	Lucy Perkins and Matt Grondin, ecomaine
	Break	
August 26, 2020	Extended Producer Responsibility	Terri Goldberg, NEWMOA; Megan Pryor, MEDEP
September 2, 2020	Tricks of the Trade	Joan Cudworth, Hollis; Ed Walsh, Rollinsford; Brian Patnoe, Littleton, NH
September 9, 2020	MA Mattress Recycling Incentive Grant Program	Rachel Smith, MADEP



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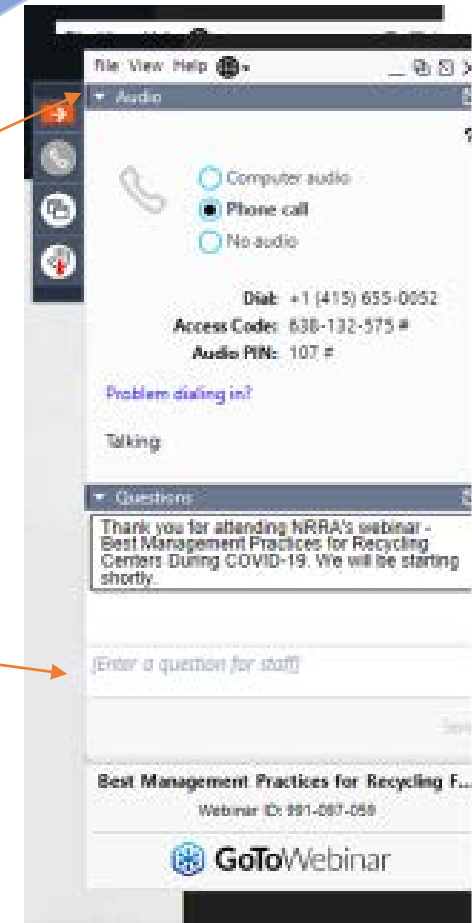
Educator/Community Track - Fridays 12:00 - 1:00 pm

Date	Webinar	Presenters
August 7, 2020	The 6th R: Cultivating a Culture of Repair	Ollie Cultrara and Cassandra Hemenway, ACSWMD
August 14, 2020	Medical Waste: Needles, Pharmaceuticals, Vaping and More	Cindy Sterling, NRRRA
August 21, 2020	Event Waste Reduction: Thinking Outside the Bin for Your Event Part I	Cindy Sterling, NRRRA
August 28, 2020	We Need to Think About Clothing Differently	Joe Whitten, Apparel Impact
September 4, 2020	Cafeteria Sorting Stations	John Jose, CVSWMD
September 11, 2020	Event Waste Reduction: Styling Your Event Recycling Plan Part 2	Cindy Sterling, NRRRA



GoToWebinar Setting the Table

- You will not be able to be heard by the presenters or other participants on GTW.
- If you cannot hear the presenters, click on audio and computer audio. If that does not work, try clicking on phone call.
- We hope you ask questions and the presenters will answer them if time allows. Click on Questions and keep it short!



About NRRA

- Recycling nonprofit
- 400+ members, primarily municipalities
- Founded nearly 40 years ago



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Cooperative Marketing & Purchasing



- Enable communities to manage their own recycling programs
- 40 programs, including single stream and municipal solid waste
- Connect sellers of recyclables to purchasers



Education & Technical Assistance

- Workshops
- Facility tours
- Annual conference
- Technical assistance
- School Club programs





The webinar will begin soon!





VT Legislation Update 2020

Cathy.Jamieson@vermont.gov

VT Dept. of Environmental Conservation

Waste Management & Prevention Division



Overview

- Extended Producer Responsibility Programs
- Food Waste
- Single Use Products

EPR Shared Responsibility

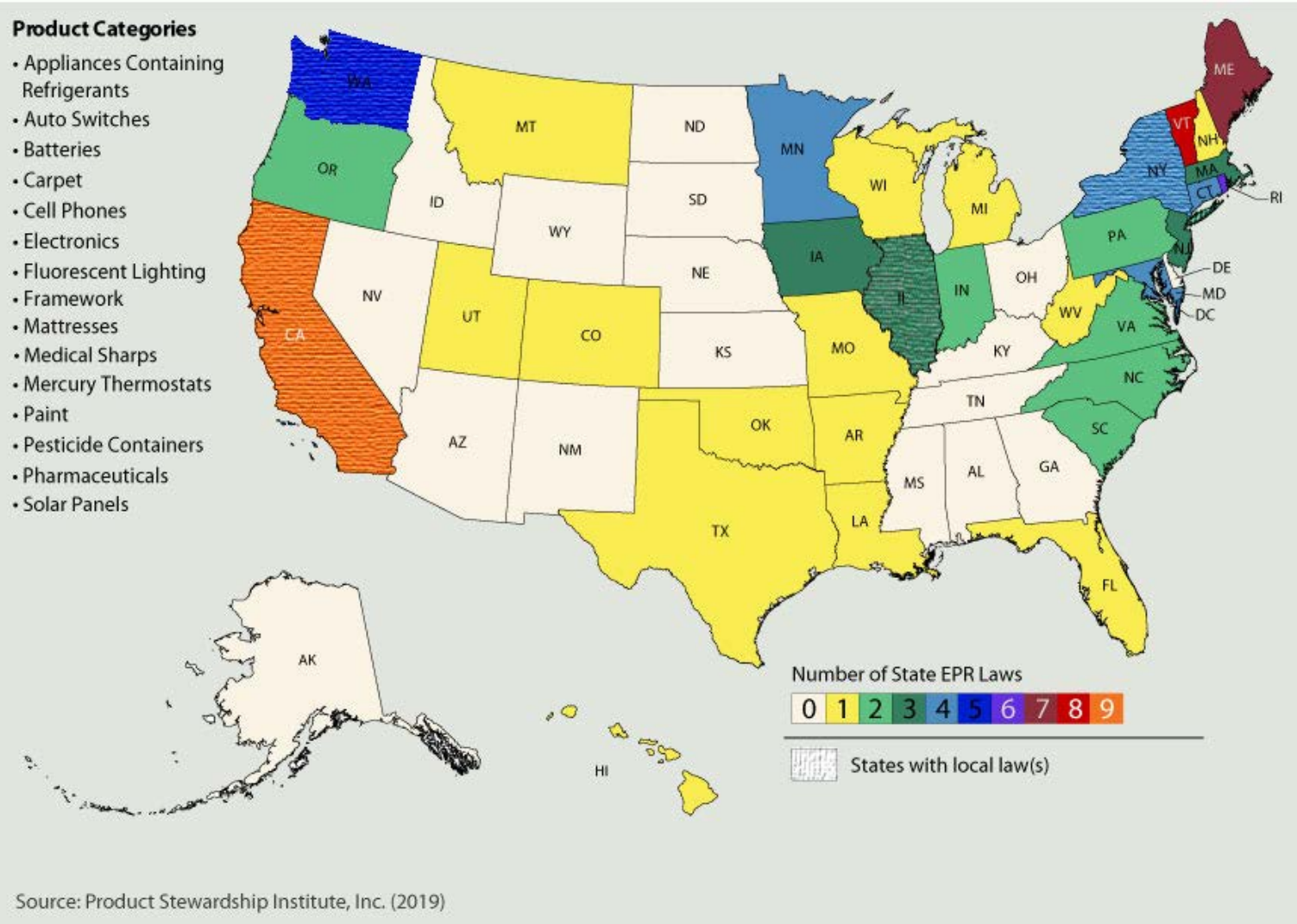
- Manufacturers
- Retailers
- Consumers
- Government



118 EPR Programs in 33 States and D.C.

Product Categories

- Appliances Containing Refrigerants
- Auto Switches
- Batteries
- Carpet
- Cell Phones
- Electronics
- Fluorescent Lighting
- Framework
- Mattresses
- Medical Sharps
- Mercury Thermostats
- Paint
- Pesticide Containers
- Pharmaceuticals
- Solar Panels



Benefits of EPR

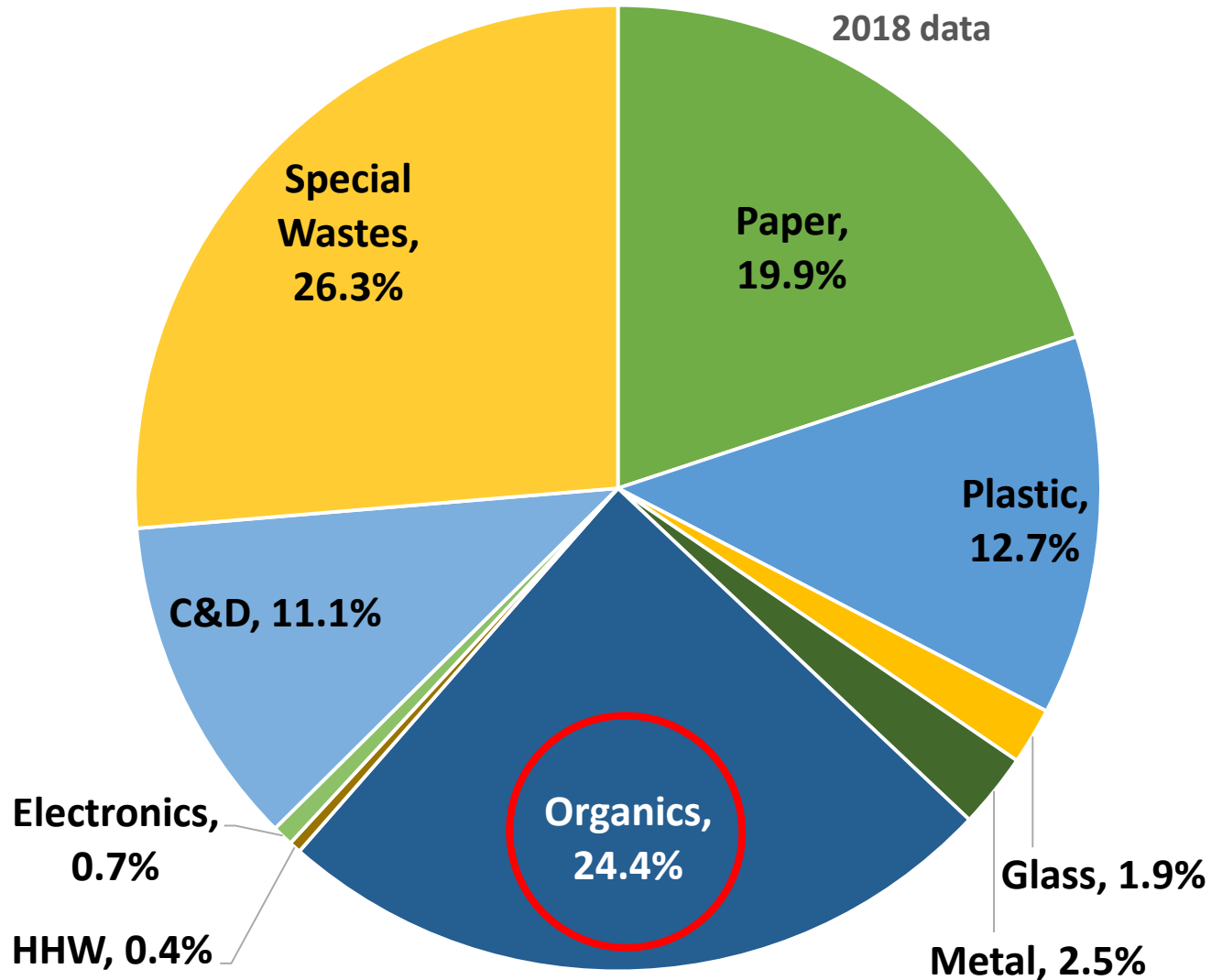
- Increases in convenient collection and diversion
- Shifts some costs
- Incentivizes manufacturer in product design



Wasted Food and Food Waste



2018 Waste Composition Study



An estimated 20% of trash is food and food scraps (~77,000 tons/year).

Roughly half is residential.

If every Vermonter composted their food waste it would be the same as taking over 9,500 vehicles off the road each year.

VT Universal Recycling Summary



- **Bans disposal of**
 - mandated recyclables by 2015,
 - leaf, yard, and clean wood by 2016,
 - food residuals by 2020

- **Mandates parallel collection** by those that collect MSW

	Facilities	Haulers
• mandated recyclables	2014	2015
• leaf & yard residuals	2015	2016
• food residuals	2017	2020

- Incentives: PAYT and Public Space Recycling



VT Universal Recycling Law Phased in over 8 years

July 1, 2020

Statewide ban on
disposal of food scraps from
both the trash and in landfills

States with varying Organics Bans



CA

Apr. 2016 – 8-cu.yd. Jan. 2017 – 4-cu.yd.
Revisited in 2021



CT

Jan. 2014 – 2-ton w/in 20 miles. 2020 1-ton w/in 20 miles.



MA

Oct. 2014 – 1-ton regardless of distance.



RI

Jan. 2016 – 2-ton w/in 15 miles.



VT

Full ban in 2020.



NY

Jan. 2022 – 2-ton w/in 25 miles.



NJ

1-ton w/in 25 miles unless cost is 10% over disposal.

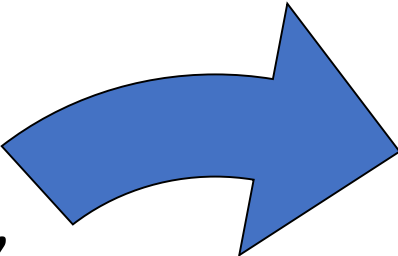
Benefits of Mandatory Food Waste Programs

- Increases food donations
 - Helps people
 - Decreases disposal costs for generators
 - Tax benefits for donors
- Incentive to invest in infrastructure and services
- Diverts organics from landfill
- Decreases GHGe

Closing the loop on the food system



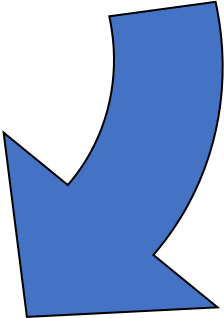
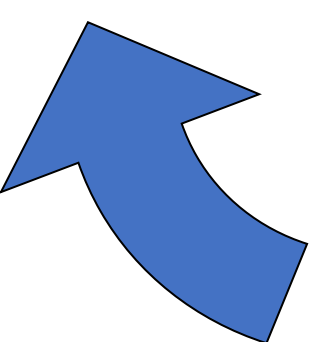
Schools,
Businesses,
& Institutions



Hauler



Farmer/
Composter





Let's Scrap Food Waste Campaign

An Official **Vermont** Government Website



Eat What You Buy. Compost the Scraps.

[Home](#) [About](#) [Tips](#) [Scrapbook](#)



Let's Scrap Food Waste

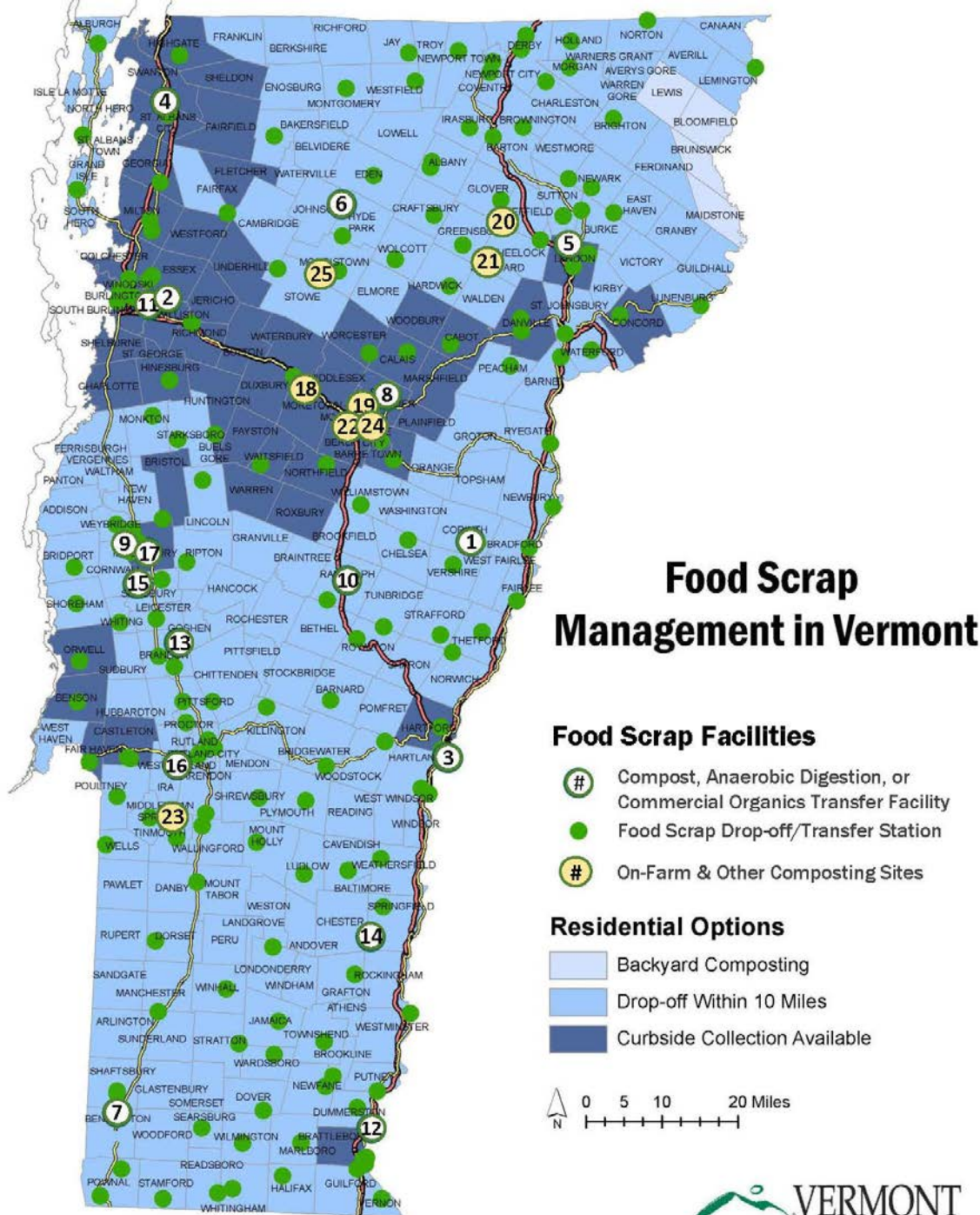


Watch later



Share





February 28, 2020

Convenience
Vermont has over...

~2 dozen compost facilities

And over...100
Food Scrap and Recycling Drop-offs within 10 miles of most towns.



VT's Single-use Products Law





Plastic Bags

- No longer provide plastic bags at **point-of-sale**
- Plastic bags will be allowed for:
 - Loose objects within a store
 - Produce, bulk, bakery, candy, cards, hardware, etc.
 - Frozen foods, meat, fish, or flowers
 - Dry cleaning/large garments
 - Prescription medications



Paper Bags

- May provide paper bags, for a minimum of \$0.10 ea.
- Need not be charged for small, lightweight bags





BRING YOUR OWN BAG

VERMONT PLASTIC BAG BAN BEGINS
JULY 1, 2020

BYO BAG



Bring Your Own Bag

Plastic Bag Ban + Paper Bag Fee

Effective July 1, 2020

Bring Your Own Bag

Reusable bag:

- Designed for multiple uses
- Stitched handles
- Machine-washable fabric or polypropylene



Clean your bags often



Cloth or mesh bags:

- Machine wash
- Dry in a dryer or air dry



Nylon, polyester, or woven polypropylene bags:

- Machine or hand wash
- Air dry



Nonwoven polypropylene or insulated bags:

- Hand wash or use disinfecting wipes
- Air dry



Waste reduction



Thank you



Cathy Jamieson, VT DEC
cathy.jamieson@vermont.gov

**Presenter:
Ariela Lovett
Legislative Analyst
Mass. Municipal Association**



MMA | Massachusetts
Municipal
Association

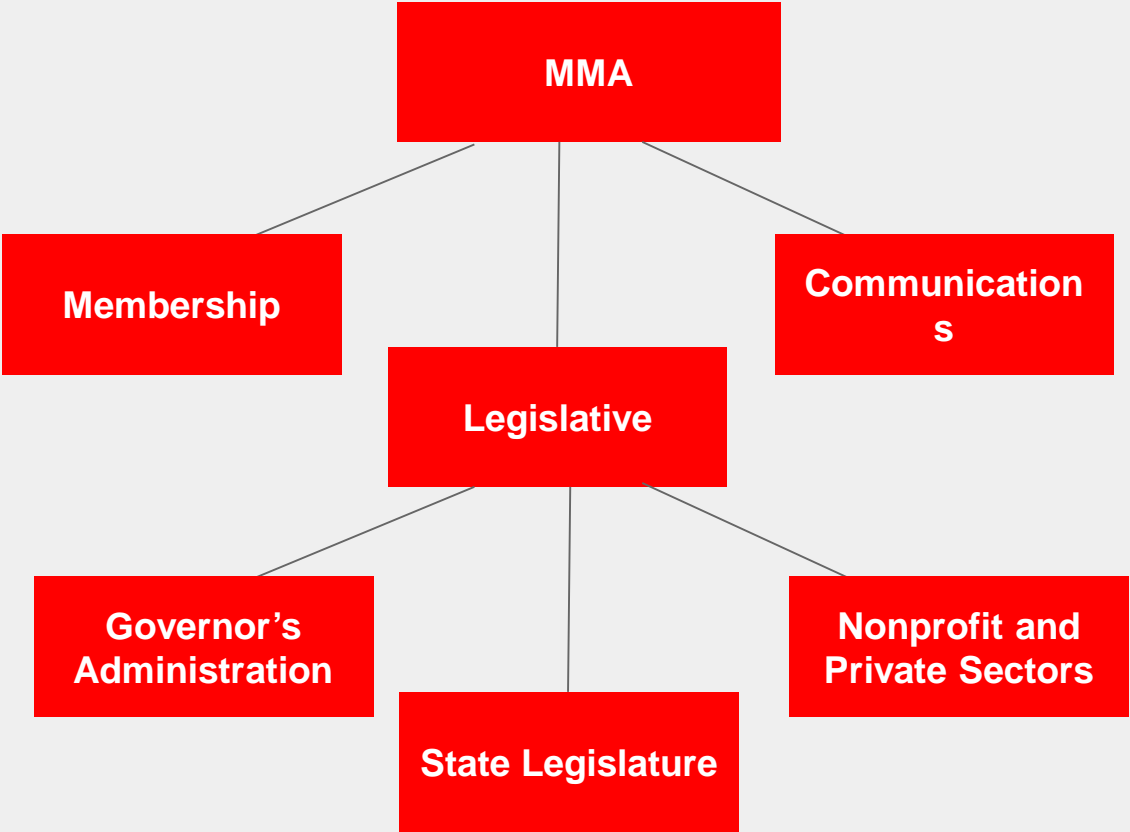
NRRA Webinar: Legislative Updates

Aug. 5, 2020

Agenda

- **Intro to MMA and municipal league structure**
- **Challenges**
- **Solutions**
- **Debates**
- **Q & A**

Massachusetts
Municipal
Association



Challenges

- **China National Sword and effect on global recycling market**
- **Increasing costs of municipal recycling contracts**
- **Rising awareness of harms of single-use and ubiquitous plastics**

Solutions

- ❑ **Extended Producer Responsibility (EPR)/ Product Stewardship**
- ❑ **Bans or restrictions on single-use plastic**
- ❑ **Expansion of composting**
- ❑ **Zero Waste movement**
- ❑ **State grants for municipalities**
- ❑ **Solid Waste Master Plan**

- EPR for Packaging legislation
 - Different approaches
- Product-specific legislation: mattresses; paint

Extended Producer
Responsibility (EPR)/
Product Stewardship

- Local plastic bag bans and state-level legislation
- Straws; polystyrene; other single use plastics
- Local vs. state-level approaches

**Bans or restrictions on
single-use plastic**

- Food waste represents approx. $\frac{1}{3}$ of total waste stream
- MassDEP Commercial Food Waste Ban
- Expanded opportunities for residential composting

Expansion of composting

- Waste reduction and diversion as alternative to landfill expansion and incineration
- Industry, rather than the public, should bear greater financial and operational responsibility for end-of-life materials management

Zero Waste Movement

- Sustainable Materials Recovery Program
- Municipal Grants
- Solid Waste Advisory Committee
- Solid Waste Master Plan - 2020-2030

MassDEP Efforts

Debates

- Landfill closures - expansion vs. trucking vs. incineration
- Global vs. in-state/regional markets
- Role of state in subsidizing municipal recycling contracts or propping up markets
- Pay as You Throw; expansion of bottle bill; and other alternative models
- Environmental Justice
- Is our recycling actually being recycled?



Thank you

Any questions?



INTERSTATE REFRIGERANT RECOVERY, INC.

"Protecting the Environment and Ozone Layer for the Future of Our Children"



Thank You to our Sponsors



Please take the survey at the end of the webinar.

SUMMER WEBINAR SERIES- COMING NEXT



The 6th R: Cultivating a Culture of Repair

Presenters: Ollie Cultrara is the former ECO AmeriCorps member at the Addison County Solid Waste District in Middlebury, Vermont. Cassandra Hemenway is the Outreach Manager of the Central VT Solid Waste District.

Friday, August 7th

12:00-1:00 pm



Educate, Don't Contaminate! A Toolkit to Clean up Recycling

Presenters: Lucy Perkins is the Sustainability Program Coordinator in South Portland, ME. Matt Grondin is the Communications Manager at ecomaine.

Wednesday, August 12th

9:00-10:00 am

