



MassDEP RECYCLING MARKET DEVELOPMENT (RMD) WORK GROUP Meeting#1

JANUARY 13, 2022

AGENDA

- ▶ 10:00 – 10:05 Welcome and Zoom Logistics
- ▶ 10:05 – 10:15 Solid Waste Master Plan Background
- ▶ 10:15 – 10:25 Workgroup Goals and Schedule
- ▶ 10:25 – 10:40 Current MassDEP Market Development Programs
- ▶ 10:40 – 10:55 Operational Services Division EPP
- ▶ 10:55 – 11:10 Mass Development Program Review
- ▶ 11:10 – 11:25 Mass Office of Business Development Program Review
- ▶ 11:25 – 12:00 Discussion, Wrap up and Next Steps (plan next meeting date)

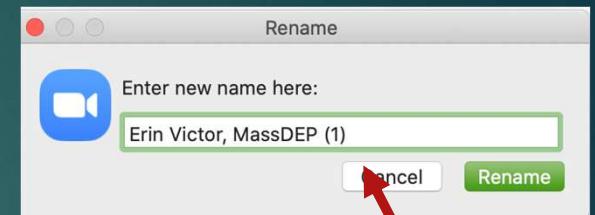
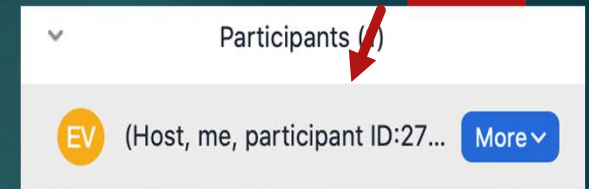
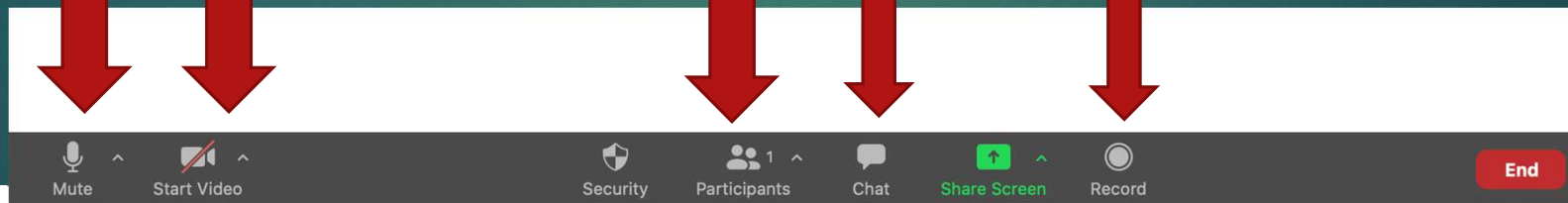
1. Mute yourself during presentations

2. Share your video

3. Rename yourself

4. Chat with other attendees & ask questions

5. We are recording this meeting for purposes of preparing a meeting summary..



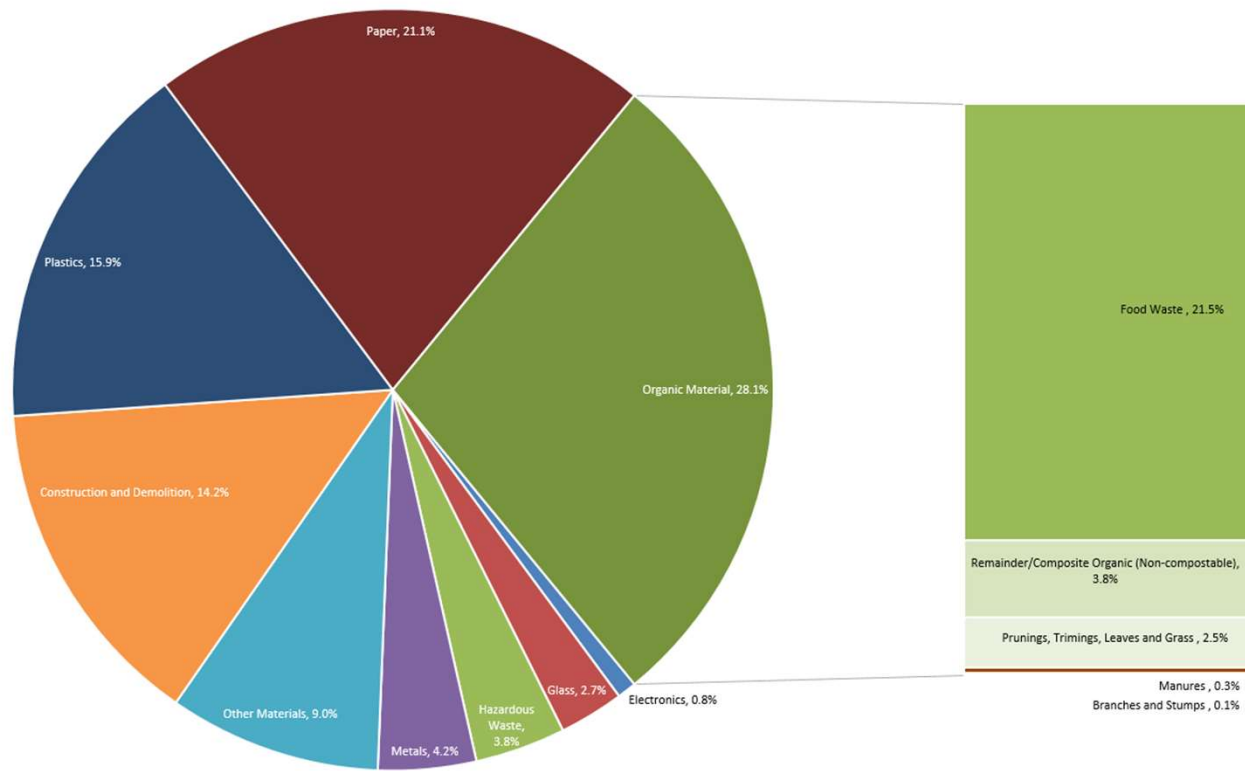
What is the Solid Waste Master Plan?

- ▶ Big picture plan for how we will manage our trash
- ▶ Updated on about 10 year planning cycles
- ▶ Current plan published in October 2021
- ▶ This plan runs through 2030
- ▶ [Solid Waste Master Plan - https://www.mass.gov/guides/solid-waste-master-plan](https://www.mass.gov/guides/solid-waste-master-plan)

What are our waste reduction goals?

- ▶ Ensure adequate capacity to manage our waste
 - ▶ Our preferred option is to reduce the amount of waste disposed
- ▶ Reduce disposal by 30% by 2030
- ▶ Reduce disposal by 90% by 2050

What is in our trash?



What does MassDEP do?

- ▶ Regulations and policies
- ▶ Permitting
- ▶ Inspections, compliance and enforcement
- ▶ Grants and assistance
- ▶ Education and outreach

What does MassDEP not do?

- ▶ Develop, plan, or operate specific facilities or collection programs
 - ▶ Facilities and programs are run by the private sector or local governments
- ▶ Develop specific legislation
 - ▶ Our focus is to implement the state's laws under our authority

What's new in the 2030 Plan?

- ▶ More detailed and flexible Action Plans coupled with midway program review
- ▶ Subcommittees & Workgroups
 - ▶ Organics (food waste)
 - ▶ Construction & Demolition
 - ▶ Recycling Market Development
 - ▶ Reduce & Reuse

What's new in the 2030 Plan?

- ▶ Increased emphasis on reduce & reuse
 - ▶ Reduce & Reuse Action Plan - <https://www.mass.gov/service-details/massdep-reduce-reuse-rr-working-group>
 - ▶ Reuse durable materials - like furniture
 - ▶ Repair durable products - like appliances
 - ▶ Share materials locally – like power tools
 - ▶ Reduce material use – single use packaging



What's new in the 2030 Plan?

- ▶ More engagement with and support of Environmental Justice communities
- ▶ Communities with either
 - ▶ Lower income,
 - ▶ Higher minority populations, or
 - ▶ Higher non-English speaking households

What's new in the 2030 Plan?

- ▶ Support of Environmental Justice Communities
 - ▶ Prioritize for grant awards
 - ▶ Assistance for composting at community gardens
 - ▶ Leverage MassDEP's Illegal Disposal Surveillance Program
 - ▶ Promote use of hybrid/electric trash & recycling collection trucks
 - ▶ Improved notice for facility permits

What's new in the 2030 Plan?

- ▶ Build local markets for our recyclables
 - ▶ Recycling Market Development Workgroup and Action Plan
 - ▶ State Agency Recycling Market Development Council
 - ▶ New \$1 million Innovations Grant Program



What's new in the 2030 Plan?

- ▶ New waste disposal bans
 - ▶ Mattresses and textiles
 - ▶ Increasing scope of food materials ban
 - ▶ Lowering threshold from 1 ton to ½ ton per week
- ▶ Minimum Performance Standard for Construction & Demolition Waste Facilities
 - ▶ Ensure level playing field
 - ▶ Increase separation of materials for recycling

Workgroup (WG) Goals and Schedule

Winter 2022

- ▶ Hold meetings January-March
- ▶ January Meeting-MA Focused
- ▶ February/March Meeting-Focused on region and other state programs
- ▶ Develop initial list of stakeholder program input and suggestions
- ▶ Receive input on Target Materials

WG Goals and Schedule

Spring/Summer 2022

- ▶ Hold 3 workgroup meetings by program category
 - ▶ (e.g., grants, education and outreach, regulations)
- ▶ Define Action Plan framework and strategies by program category
- ▶ List strategies as short term (1-2 years), medium term (3-5 years), or long term (6-10 years)
- ▶ Define target materials

WG Goals and Schedule

Fall 2022/Winter 2023

- ▶ Hold 2 workgroup meetings
- ▶ MassDEP prepare draft plan and obtain stakeholder feedback on draft plan
- ▶ MassDEP management review and approval of Action Plan
- ▶ Post Plan on MassDEP web site and present to stakeholders at WG meeting and at SWAC

WG Goals and Schedule

2023 and Beyond

- ▶ Implement plan
- ▶ Review and update plan as needed
- ▶ Report on progress annually to workgroup

MassDEP Market Development Programs

- ▶ Recycling and Reuse Business Development Grant (RBDG) - <https://www.mass.gov/how-to/apply-for-a-recycling-reuse-business-development-grant>
- ▶ Recycling Loan Fund (RLF) - <https://www.bdcnewengland.com/programs/massachusetts-recycling-loan-fund/>
- ▶ Waste Bans - <https://www.mass.gov/guides/massdep-waste-disposal-bans>

MassDEP Market Development Programs

- ▶ Muni Grants/Buy Recycled Requirements - <https://www.mass.gov/how-to/apply-for-a-sustainable-materials-recovery-program-smrp-municipal-grant>
- ▶ State Market Development Council
- ▶ Northeast Recycling Committee (NERC) – www.nerc.org

RBDG

- ▶ Grant Awards between \$50,000 and \$400,000
- ▶ Awarded 28 grants for \$4.25 million
- ▶ Eligible Materials:
 - ▶ C&D Materials
 - ▶ Container Glass
 - ▶ Food Materials
 - ▶ Furniture
 - ▶ Mattresses
 - ▶ Textiles
- ▶ Evaluation Criteria includes whether applicant is registered as Certified Business in Commonwealth's Supplier Diversity Program
- ▶ Application deadline: April 8, 2022

Recycling Loan Fund

- ▶ Funded by MassDEP, administered under contract by BDC Capital
- ▶ Loans range from \$50,000 to \$500,000
- ▶ Loans up to \$1.5 million for anaerobic digestion projects
- ▶ Terms up to ten years
- ▶ Since 1996, 80 loans totaling > \$18 million

Waste Bans

- Certain recyclable and compostable materials banned from disposal or transfer for disposal
- First waste bans begin in early 1990s
- MassDEP conducts inspections at solid waste facilities, but enforces primarily against waste generators and haulers
- Implement as part of comprehensive approach including education, outreach, compliance assistance and market development
- Help to drive material supply to support recycling businesses
- Encourage investment in recycling infrastructure in Mass

Waste Bans – Banned Materials

- Asphalt pavement, brick and concrete
- Cathode ray tubes
- Clean gypsum wallboard
- Commercial food material (lower threshold effective November 1, 2022)
- Ferrous and non-ferrous metals
- Glass and metal containers
- Lead acid batteries
- Leaves and yard waste
- Mattresses (effective November 1, 2022)
- Recyclable paper, cardboard and paperboard
- Single-resin narrow-necked plastic containers
- Textiles (effective November 1, 2022)
- Treated and untreated wood and wood waste (banned from landfills only)
- White goods (large appliances)
- Whole tires (banned from landfills only; shredded tires acceptable)

State Agency Recycling Market Development Council

- ▶ Chaired by Exec Office of Energy & Environmental Affairs
- ▶ First meeting to be held later this month
- ▶ Focus on increasing state agency purchasing of recycled content products
- ▶ Including, but not limited to, asphalt shingles, glass, compost, office furniture, and tires

NERC Participation

- ▶ Regional Recycling Markets Committee
- ▶ Minimum Post-Consumer Recycled Content Model Legislation for Plastics
- ▶ Glass Committee
- ▶ Bottle Bill Committee

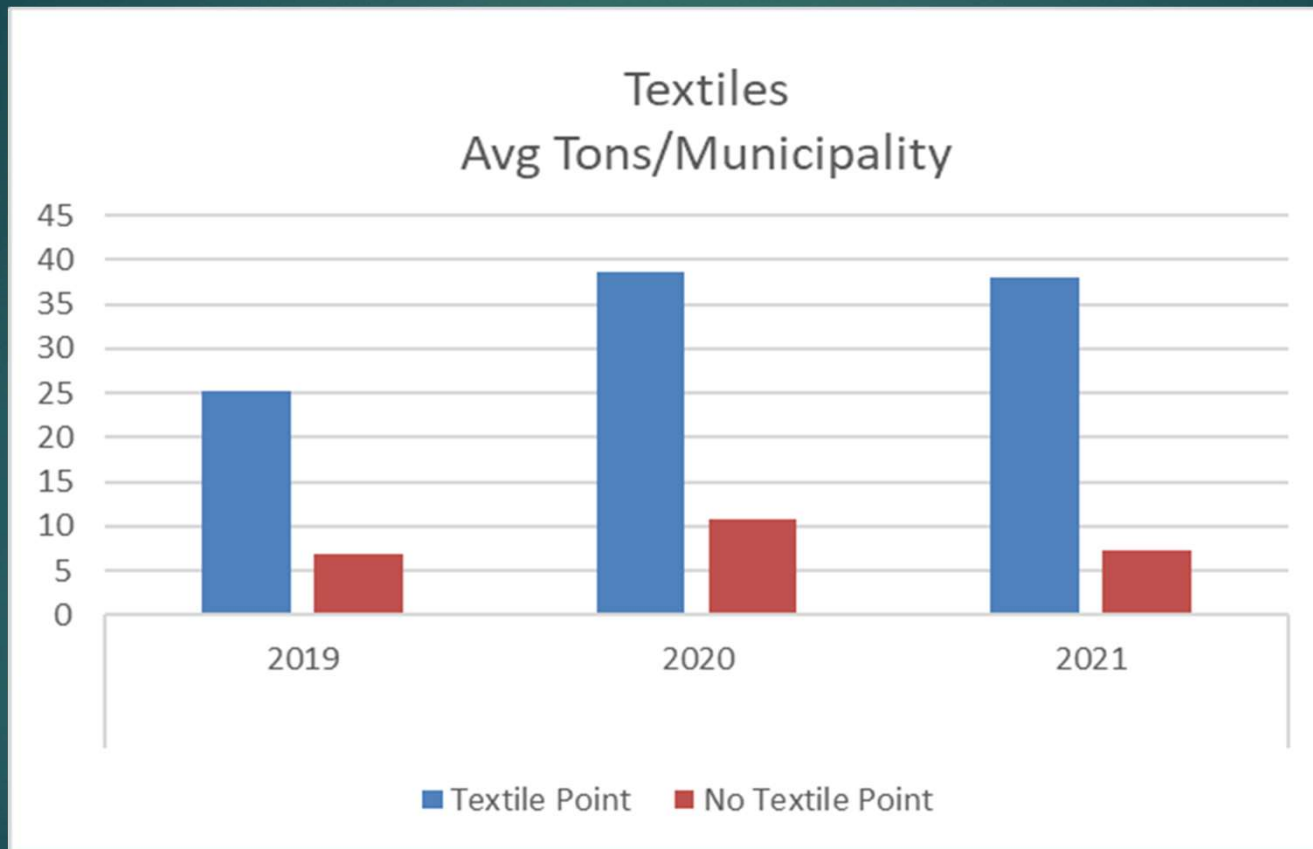
Municipal Recycling Grants

- ▶ Sustainable Materials Recovery Program Grants support collection/supply side of markets
- ▶ \$3.5 million per year for Recycling Dividends Program
- ▶ Investments in best practices and programs
- ▶ \$1 million per year for equipment/infrastructure
- ▶ Municipal Buy Recycled Policy and annual notification to purchasing officials
- ▶ Pre-requisite for municipal grants
- ▶ Demand side initiative

Mattress Recycling Investments

- ▶ State Contract for mattress recycling services
- ▶ Mattress Recycling Incentive Grant: 2016 to present
 - ▶ 96 municipalities awarded
 - ▶ \$2.3 million paid to mattress recyclers for processing
 - ▶ 18,000 mattresses
- ▶ Capital Equipment Grants to mattress recyclers
 - ▶ \$100,000 SMRP
 - ▶ 5 RBDG grants for \$800,000
 - ▶ Waste Ban on mattresses/box springs: Nov 1, 2022

RDP Grants Drive Collection



For More Information

- ▶ <https://www.mass.gov/service-details/massdep-recycling-market-development-workgroup>
- ▶ Sean Sylver - 617-292-5747 or sean.sylver@mass.gov