

# Deconstruction Workgroup

MAY 13, 2025  
1:30-3:00 PM



# Meet the Planning Team



**Christine Beling**  
US EPA Region 1



**Mike Elliott**  
MassDEP C&D Lead



**Kristen Fritsch**  
Elkus Manfredi Architects



**Pam Howland**  
Old Window Workshop



**Leah Kelleher**  
MassDEP



**Abbey Massaro**  
MassRecycle



**Tina McCarthy**  
Town of Brookline



**Kathi Mirza**  
MassDEP



**Michael Orbank**  
STO Building Group,  
Carbon Leadership Forum



**Janice Pare**  
MassDEP



**Randy Scott**  
Select Demo Services

# Agenda

Lightning round:

- Kristen Fritsch - the big picture, build reuse industry report (hot off the press!)
- Kevin Allen, DCR - barn deconstruction and reuse at Spectacle Pond Farm
- David Polanco, Turner Construction - learnings from a recent suburban fit-out
- Andrew Thompson, BBR - residential deconstruction and skill-based education for homeowners, renters, and landlords
- Barbra Batshalom, Sustainable Performance Institute - hackathons for designers

Q&A

Mid-point review / feedback on deconstruction components in MassDEP's Reduce & Reuse Action Plan.

Introduction to fall workshop plan and next steps.

# Goals of the Workgroup

Increase awareness about our waste disposal challenges.

Grow reuse industry in MA for valuable building materials.

Align with MassDEP's R&R Action Plan.

Connect work with climate impacts.

Job training and workforce development.

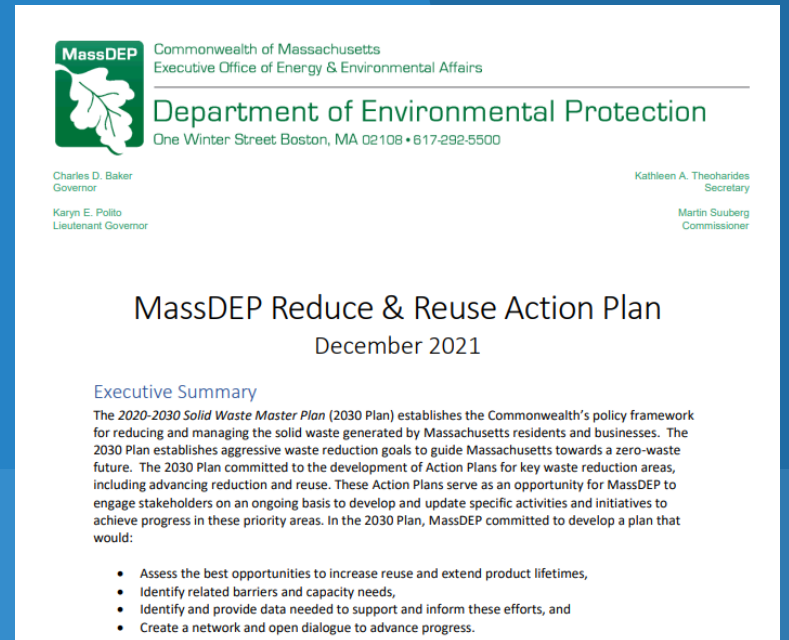
Support diversity, equity, and inclusion.





# Review and Assessment of Reduce & Reuse Action Plan

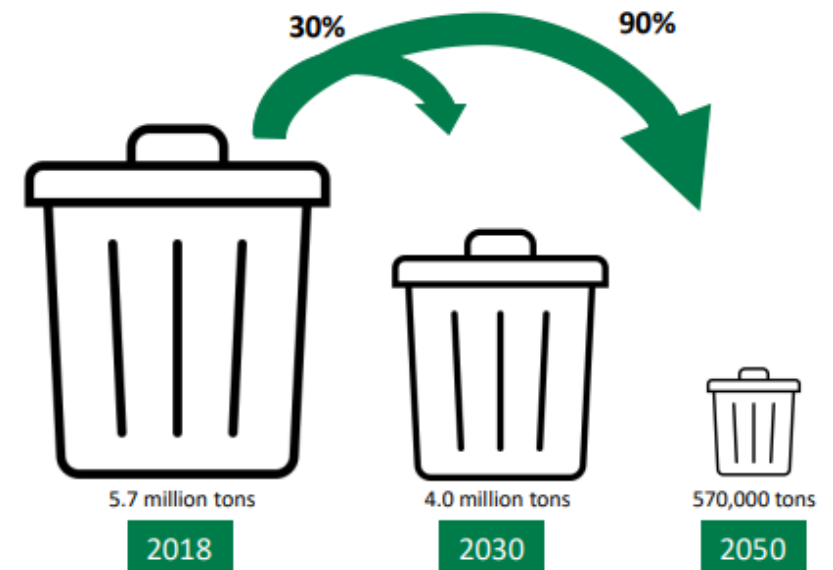
- Three meetings – each focused on different priority material streams.
- Status update on key strategies outlined in the Action Plan.
- Provide opportunities for stakeholder feedback.



# Background

- 2030 Solid Waste Master Plan called for Reduce & Reuse (R&R) Working Group and Action Plan
- R&R Working Group established 2020
  - Series of stakeholder meetings (2020-2021)
  - 655 members to date
  - Deconstruction Workgroup (subgroup)
- Published R&R Action Plan (Dec. 2021)

## 2030 Solid Waste Master Plan Goals



# Priority Materials



Single-use  
Packaging



Building  
Materials



Textiles &  
Clothing



Electronics



Household  
Durable Goods



Business & Institutional  
Furniture, Fixtures and  
Equipment

# Barriers



# Key Strategies



Cultural (individuals)



Access (individuals)



Infrastructure (reuse orgs)



Policy (the system)



Markets (trends & product design)



Education / behavior change



Tools, resources, and technical assistance



Grants / financial incentives



Job training / workforce development



Networking



Legislation



Procurement



# **What's within MassDEP's purview:**

- Grants and financial incentives
- Technical assistance
- Education / outreach
- Network-building

# Measuring Progress

- Track adoption and impact of reduce and reuse efforts, like:
  - Grants requested and awarded
    - Project results
  - Technical assistance requests
- Waste characterization data

# Building Materials Status Update

Strategy	Action	Status	Examples
Education / behavior change	Create or promote an online calculator to quantify the environmental, social, and economic benefits of reuse.	Not started	
	Develop a state-wide education campaign around best practices for reducing waste, increasing reuse and repair, and extending product lifespans	Ongoing	<a href="#">Recycle Smart MA</a> social media posts and newsletter

# Building Materials Status Update

Strategy	Action	Status	Examples
Tools, resources, and technical assistance	Expand project planning and materials management guidelines for optimizing reuse in deconstruction and new construction/renovation of buildings including K-12 school, commercial, and residential/home construction projects.	Ongoing	RecyclingWorks <a href="#">Construction &amp; Demolition Materials Guidance</a> and TA  Fall workshop TBD  <a href="#">Deconstruction Workgroup Meeting Archive</a>
	Identify and share model ordinances and bylaws focused on waste prevention and reuse, including: <ul style="list-style-type: none"><li>• Historic preservation ordinances stipulating deconstruction and reuse mandates in building projects.</li></ul>		

# Building Materials Status Update

Strategy	Action	Status	Examples
Grants and financial incentives	Provide local businesses, NGOs, and municipalities financial assistance for waste reduction and reuse projects.	Ongoing	Reduce, Reuse, Repair Micro-Grant: (e.g., Carey Company)  <a href="#">Recycling &amp; Reuse Business Development Grants</a>  <a href="#">SMRP Waste Reduction Projects</a>
	Promote residential deconstruction and reuse projects in home construction and remodeling to increase reuse and donation of building materials and encourage use of C&D material reuse store.	Ongoing	RecyclingWorks <a href="#">Construction &amp; Demolition Materials Guidance</a> and TA
	<p>Incentivize reuse programs through municipal Recycling Dividends Program Funds:</p> <ul style="list-style-type: none"><li>• Adding model reuse ordinances and bylaws to RDP criteria.</li></ul>	Ongoing	Recycling Dividends Program (RDP) <a href="#">earning</a> and <a href="#">spending opportunities</a> .

# Building Materials Status Update

Strategy	Action	Status	Example
Job training / workforce development	Identify and partner with an organization offering a job training program(s) for home deconstruction.	Not started	
Legislation, policies, regulations, and ordinances	<p>Work with Municipalities and the Legislature to advance waste prevention and reuse legislation, including:</p> <ul style="list-style-type: none"><li>• Provide support for local efforts to enact waste reduction and reuse ordinances and bylaws.</li></ul>	Not started	



# Building Materials Status Update

Strategy	Action	Status	Example
Networking	Facilitate information sharing and networking opportunities amongst reuse stakeholders.	Developing	R&R meetings / network and listserv  Deconstruction Workgroup
	Foster partnerships between contractors and architects to support greater adoption of building material reuse and recycling in construction projects.	Developing	Deconstruction Workgroup  <a href="#"><u>RecyclingWorks website</u></a>

# Meetings to Date



Photo courtesy of The Building Deconstruction Institute/Dave Bennink

September 2022

Demystifying Deconstruction

December 2022

Inspiration and Practice: Taking Buildings Apart

March 2023

Reuse Markets for Building Materials

June 2023

Climate, Culture & Community: How Reusing Buildings Preserves Historic Spaces and Lowers Our Carbon Footprint

October 2023

Deconstruction is Happening! How MA Practitioners Capture the Value of Building Materials Before Demolition

January 2024

Pathway to Enable More Building Material Reuse & Deconstruction in MA

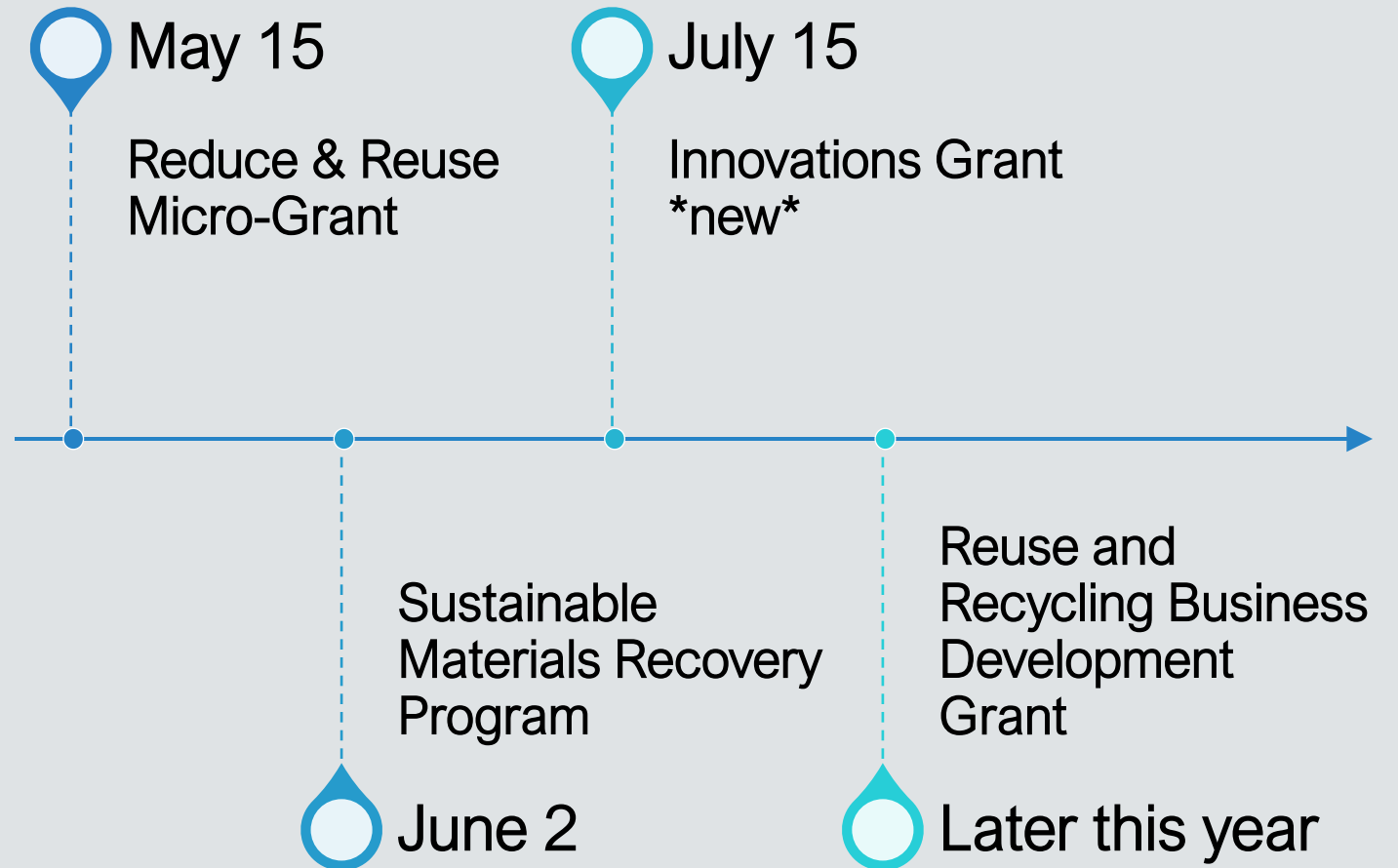
July 2024

Workforce Development in Deconstruction

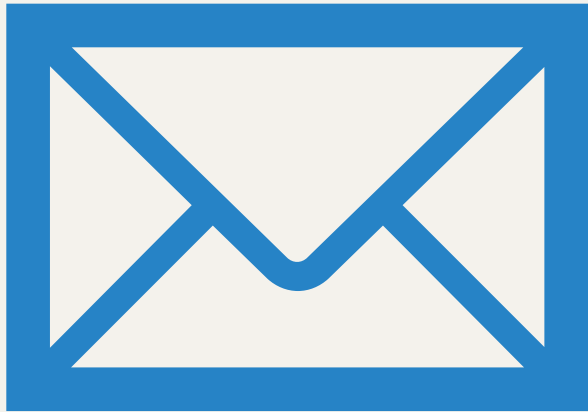
# Building Materials Status Update

Strategy	Action	Status	Example
Procurement	Work with Mass Operational Services Division <a href="#">Environmentally Preferable Products (EPP) and Services</a> program to create procurement policies and contracts that drive demand for durable products at the state and local level.	Developing	Federal-State Buy Clean Initiative (acquisition)  State Surplus Property Program (disposition)

# Grant Deadlines in 2025



# Connect with us!



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Janice Paré: [janice.pare@mass.gov](mailto:janice.pare@mass.gov)

Leah Kelleher: [leah.kelleher@mass.gov](mailto:leah.kelleher@mass.gov)

Learn more and find previous meeting recordings:  
[MassDEP Reduce & Reuse Working Group](#)