



Maryland
Department of
the Environment

2021 House Bill 164

Office of Recycling – Recycling Market Development

September 21, 2022

County Recycling Coordinator
Stakeholder Meeting



HB 164 – MDE Responsibilities

- Requires MDE's Office of Recycling with assistance from DGS, Commerce, and MDOT, to complete certain tasks to promote the development of recycling markets in Maryland.
- Research, evaluation, identification:
 - Evaluate the availability of local, national, and international markets for recycled materials and recycled products
 - Identify the recyclable materials representing the largest portion of the recycling waste stream
 - Identify the recyclable materials that are in need of recycling assistance
 - Identify the methods for collecting and processing, and marketing opportunities for, recyclable materials that are in need of recycling assistance
 - Identify businesses in the state that use recycled materials, including businesses that reuse, repair, and remanufacture recycled materials
 - Identify opportunities for businesses in the state to increase their use of recycled materials
 - Examine businesses that have closed in the state for the potential for reopening to use recycled materials
 - Examine opportunities for the co-location of businesses that use, reuse, repair, and remanufacture recycled materials
 - Examine existing funding mechanisms for recycling market development
 - Determine whether additional funding mechanisms are necessary to expand recycling markets in the state

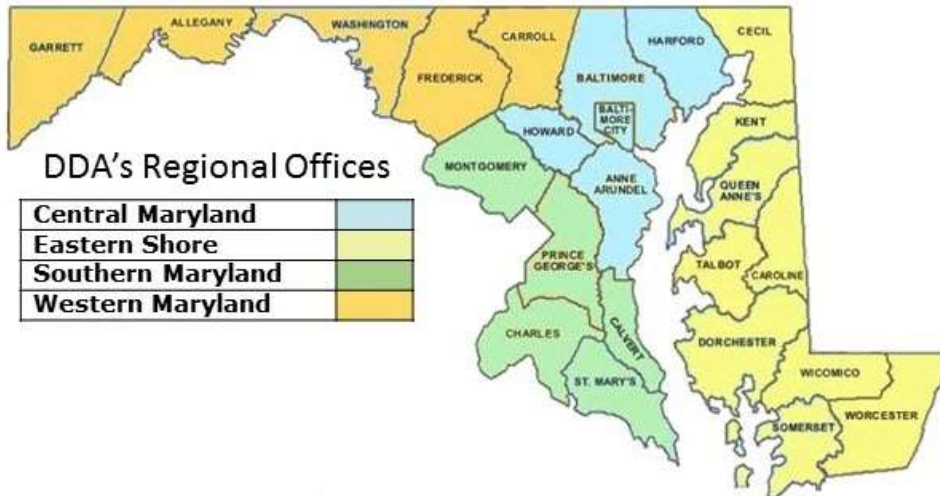
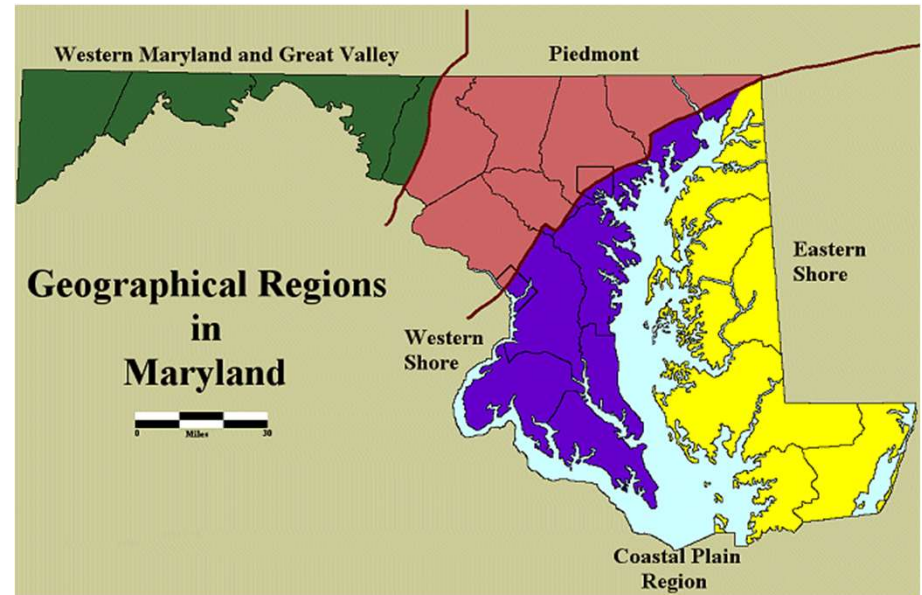


HB 164 – MDE Responsibilities

- Actions/recommendations:
 - Promote the development of markets for recycled materials and recycled products in the state
 - Make recommendations to improve markets for recycled materials and recycled products in the state, including measures for reducing contamination of recyclable materials
 - Provide resources to businesses to match sources of recycled materials with potential users
 - Establish and promote the “Maryland is Open for Recycling Business” campaign to attract new businesses to the state
 - Provide advisory and technical services to support the development of markets for recycled materials and recycled products in the state.



One Maryland – 4 Regions



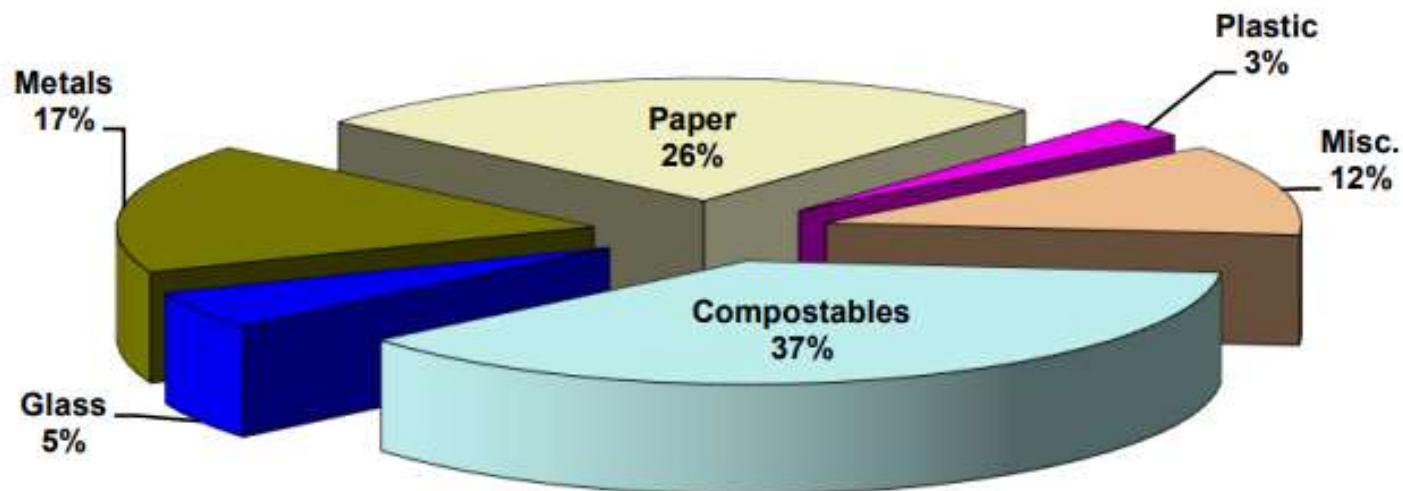


Identify the recyclable materials representing the **largest portion of the recycling waste stream**

Information from 2021 MD Solid Waste Management and Diversion Report (as % of total tons):

Figure 6 – MRA Materials Recycled Breakdown

(due to rounding breakdown may not = 100%)





Identify the recyclable materials that are in need of recycling assistance

- From May 2022 survey
 - Glass & #3-7 Plastic
 - Contamination
 - Outside Core 4
 - Organics
 - Bulky items
 - Compressed Gas Cylinders
 - Textiles*





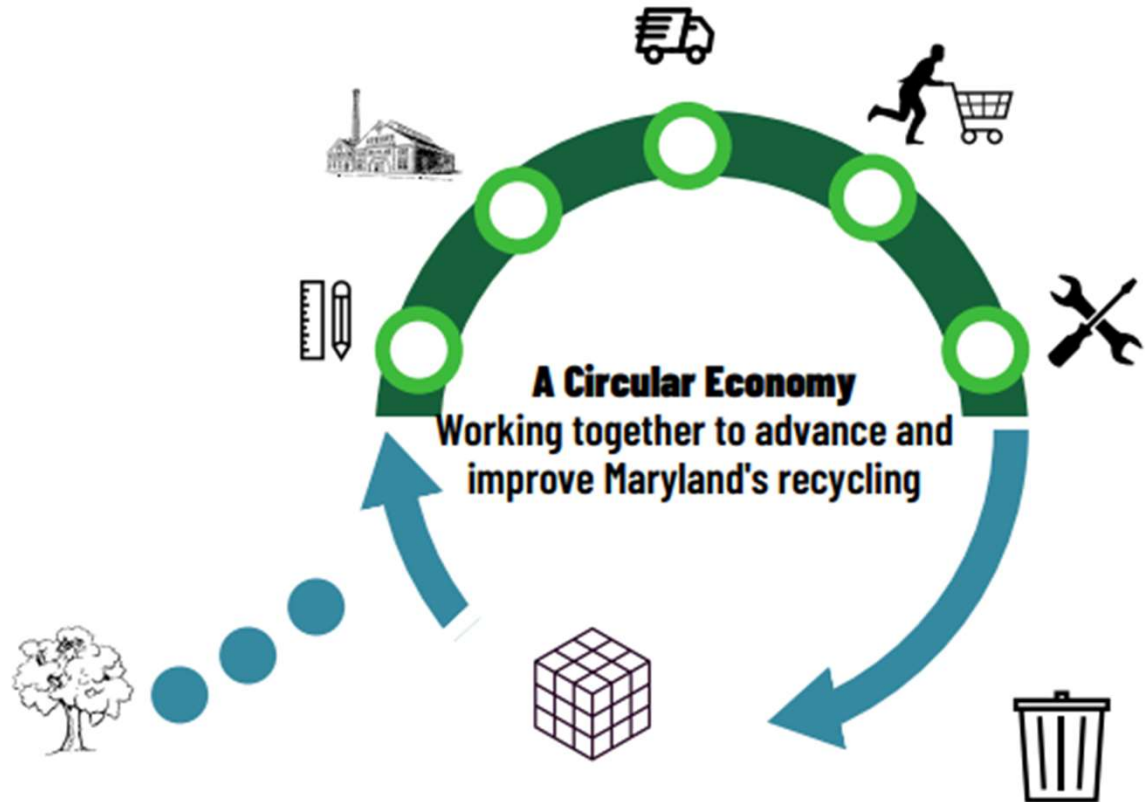
Identify **businesses in the state that use recycled materials**, including businesses that reuse, repair, and remanufacture recycled materials

- **Programs to identify**

- State Programs
 - Maryland Green Registry
 - Green Purchasing (DGS)
- Localized Programs
 - Sustainable MD
 - **Who else????**

- **Promotion**

- Mapping?
- Lists?
- Printable fliers?





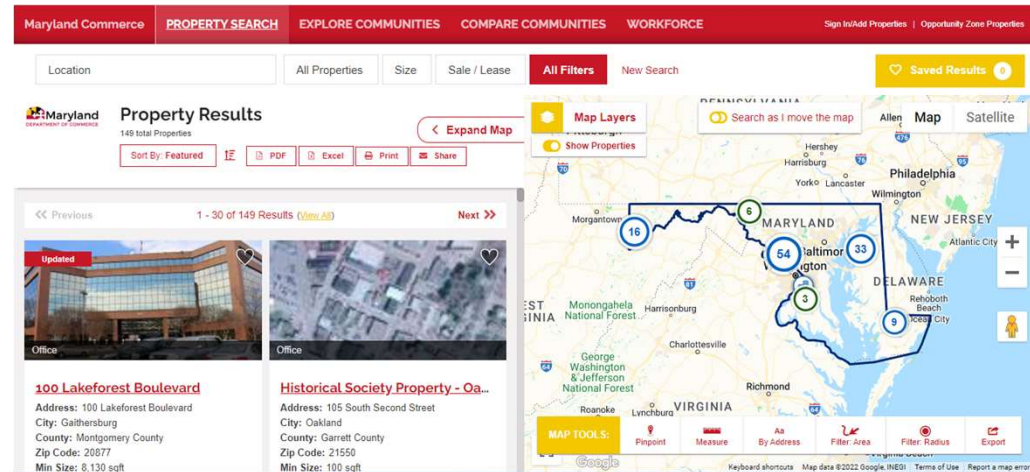
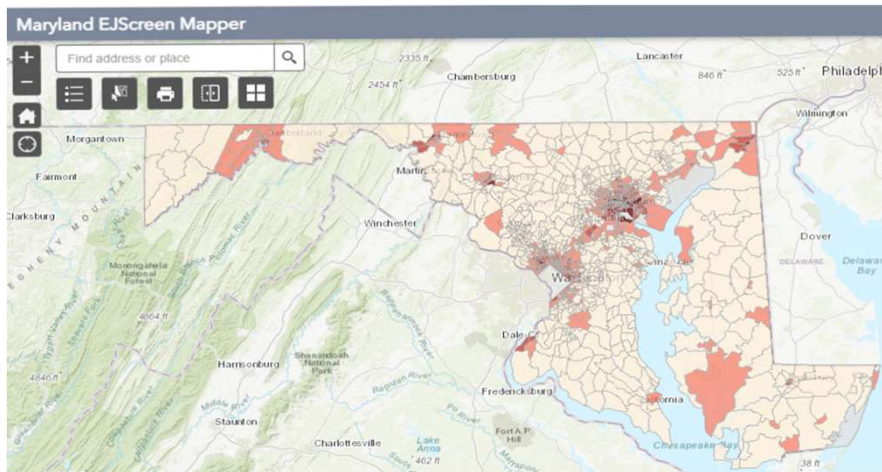
Provide **resources** to businesses to **match sources** of recycled materials with potential users

- **Materials Marketplace**
 - Clearing house
 - Best supported via a listserv
 - Do not have staff to QC regularly
 - What are metrics
 - If stand alone would require grant funding to make and additional legislative \$ for sustainability
- **Tech solutions**
 - Consider partnering with a university??
- **Local ideas – COMMENT OPEN FOR DISUCSSION**



Examine businesses that have closed in the state for the **potential for reopening** to use recycled materials

- NMWDA retired data from RecycledMD.org
 - Map with “reach” of commodities no longer collected
- Open MD/Commerce





Determine whether additional funding mechanisms are necessary to **expand recycling markets** in the state.

- **Federal Programs**
 - USDA
 - EPA
 - National Science Foundation
- **State Funding**
 - MD Dept of Commerce “Open Maryland”
- **Local Funding**
 - USDA
 - Private Corporations (PEPCO)

The screenshot shows a web browser window with the URL open.maryland.gov/business-resources/funding-programs/. The page features the Maryland logo and a navigation menu with options like 'Why Maryland', 'Key Industries', 'Living in Maryland', 'Success Stories', 'Business Resources', and 'Contact Us'. A search bar is set to 'Funding Programs'. The main content area is titled 'Funding Programs' with the subtitle 'Find resources to support your business.' Below this, there is a section titled 'Review Available Finance Programs' which states: 'Maryland companies can tap into a variety of funding and incentive programs offered by the Maryland Department of Commerce and other partner organizations throughout the state.' A 'VIEW MORE' link is visible. On the right side, a vertical list of business resources is displayed, including 'Starting a Business', 'Global Expansion for Maryland Businesses', 'Funding Programs', 'Workforce', 'Buildings & Sites', 'Maryland Stats & Data', 'Government Contracting', 'Networking & Support', 'Business Regulations', 'Minority, Veteran & Women Owned Businesses', 'Entrepreneurship', 'Defense Business Growth', and 'International Expansion in'.



Establish and promote the “**Maryland is Open for Recycling Business**” campaign to attract new businesses to the state

work with other state agencies to develop and promote the campaign “Maryland is Open for Recycling Business”, to encourage new businesses to create locations in the state.





Provide **advisory and technical services** to support the development of markets for recycled materials and recycled products in the state.

– Information Packets for recycling

- Local Players
- Brownfields
- State and Local Agencies oversight (need assistance at county level)
- Permitting Fast Tracking
- Energy Costs (and alternatives for \$ saving)
- Disposal Options
- Material Connections
- etc.

– Permit Fact Sheets

– Dashboards?

Maryland
OPEN FOR BUSINESS

WE PROVIDE
BUSINESS

Building Maryland's Recycling

OUR SERVICES

COMPANY DEVELOPMENT
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CREATIVE CONCEPT
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BUSINESS ANALYSIS
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ABOUT US!

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REGIONAL MEETINGS

Dates are set and all meetings begin at **10:30am**

Central – Tuesday, September 27 – Md Dept of Environment
(Aeris & Aqua)

Eastern (Upper) – Thursday, Sept 29– Centerville Library
(Centerville)

Southern – Wednesday, Oct 5 – Leonardtown Library
(Meeting Room 1)

Eastern (Lower) - Thursday, Oct 13 – Paul S. Sarbanes
Library (Meeting Room 1)

Western – Wednesday, Oct 19 – South Cumberland Library
(South Cumberland)



Questions and Discussion

- MDE points of contact
 - Tim Kerr Timothy.Kerr2@maryland.gov
 - Shannon McDonald Shannon.McDonald@maryland.gov
 - Dave Mrgich dave.mrgich@maryland.gov
 - Phone: 410-537-3314