



SM<sup>3</sup>

Sustainable Materials Management Maryland

MRN/SWANA-MidAtlantic Annual Conference

June 11, 2019

# VISION



- ▶ Improve the environment and create economic development and job creation opportunities in the State of Maryland.
- ▶ Construct creative and innovative sustainable materials management projects and activities
- ▶ Enhance and support private and public sector voluntary collaborations
- ▶ Liaison and work collaboratively with the Maryland Department of the Environment, the Maryland Department of Commerce, the Maryland Energy Administration, the Maryland Department of Agriculture and the Maryland Department of Transportation Port Authority.

# Mission




- Design and implement materials management initiatives and projects for Maryland that will:
  - foster new materials management businesses in Maryland,
  - conserve natural resources,
  - meet climate change goals for 2030 and beyond, and
  - embrace new and more effective measures of success

# Background



- June 27, 2017– Governor Hogan signs Executive Order, Waste Reduction and Resource Recovery Plan for Maryland which authorizes the building of partnerships for sustainable materials management
- August 17, 2017– Maryland Department of the Environment hosts a meeting at the Maryland Association of Counties to review the Executive Order with Maryland county officials and others
- October 26, 2017: Meeting was conducted with private sector leaders, MDE and MDOC representatives to discuss opportunities to support materials management in Maryland
- December 8, 2017: Meeting with private and public sector leaders along with MDE and other Maryland government officials, that led to the identification of three areas of potential SM3 activities and potential projects for 2018
- March 2, 2018: Conference call was conducted with work group co-leads and participants to share ideas and build agendas for the Work Groups
- May 2018: Conducted Work Group Conference calls to develop action agendas for all three areas of activity for discussion at the June 15 meeting
- June 2018: Conducted Membership Meeting to discuss SM<sup>3</sup> action strategy for 2019
- December 2018: Conducted meeting hosted by Maryland Port Administration with Secretary Ben Grumbles, MDE, Assistant Secretary Hans Schmidt, Department of Agriculture, and Assistant Secretary Charles Glass, Maryland Department of Transportation
- April 18, 2019: Conducted strategy meeting at Maryland Department of Agriculture. Confirmed three-pronged strategy includes needed regulatory changes to support materials development in Maryland, MWR<sup>3</sup>, and creation of Sustainable Materials Innovation and Accelerator
- Next meeting during Maryland Association of Counties (MACO) Annual Meeting on August 15, 2019, Ocean City, Maryland



# SM<sup>3</sup> Collaborating Public Sector Organizations



## ▶ State & County Government

- ▶ Maryland Department of the Environment
- ▶ Maryland Department of Commerce
- ▶ Maryland Energy Administration
- ▶ Maryland Department of Transportation, Port Authority
- ▶ Maryland Department of Agriculture
- ▶ Maryland Department of Natural Resources
- ▶ Anne Arundel County
- ▶ Baltimore City
- ▶ Calvert County
- ▶ Carroll County
- ▶ Cecil County

## ▶ State & County Government (cont.)

- ▶ Frederick County
- ▶ Harford County
- ▶ Howard County
- ▶ Maryland Environmental Service
- ▶ Montgomery County
- ▶ Northeast Maryland Waste Disposal Authority
- ▶ Prince Georges County
- ▶ St. Mary's County
- ▶ Washington County



# SM<sup>3</sup> Supporting Companies and Organizations

- ▶ Private Enterprises
  - ▶ BTS Bioenergy
  - ▶ Choice Hotels
  - ▶ EcoHub
  - ▶ Kurtz Brothers
  - ▶ Mobile Fluid Recovery
  - ▶ Northrup Grumman
  - ▶ Re4ormed Organics
  - ▶ Ritchie Land Reclamation
  - ▶ Smithfield Foods
  - ▶ Waste Management
- ▶ State Academic Institutions
  - ▶ Bowie State University
  - ▶ Johns Hopkins University
  - ▶ University of Maryland
  - ▶ Washington College

# SM<sup>3</sup> Priority Work Streams



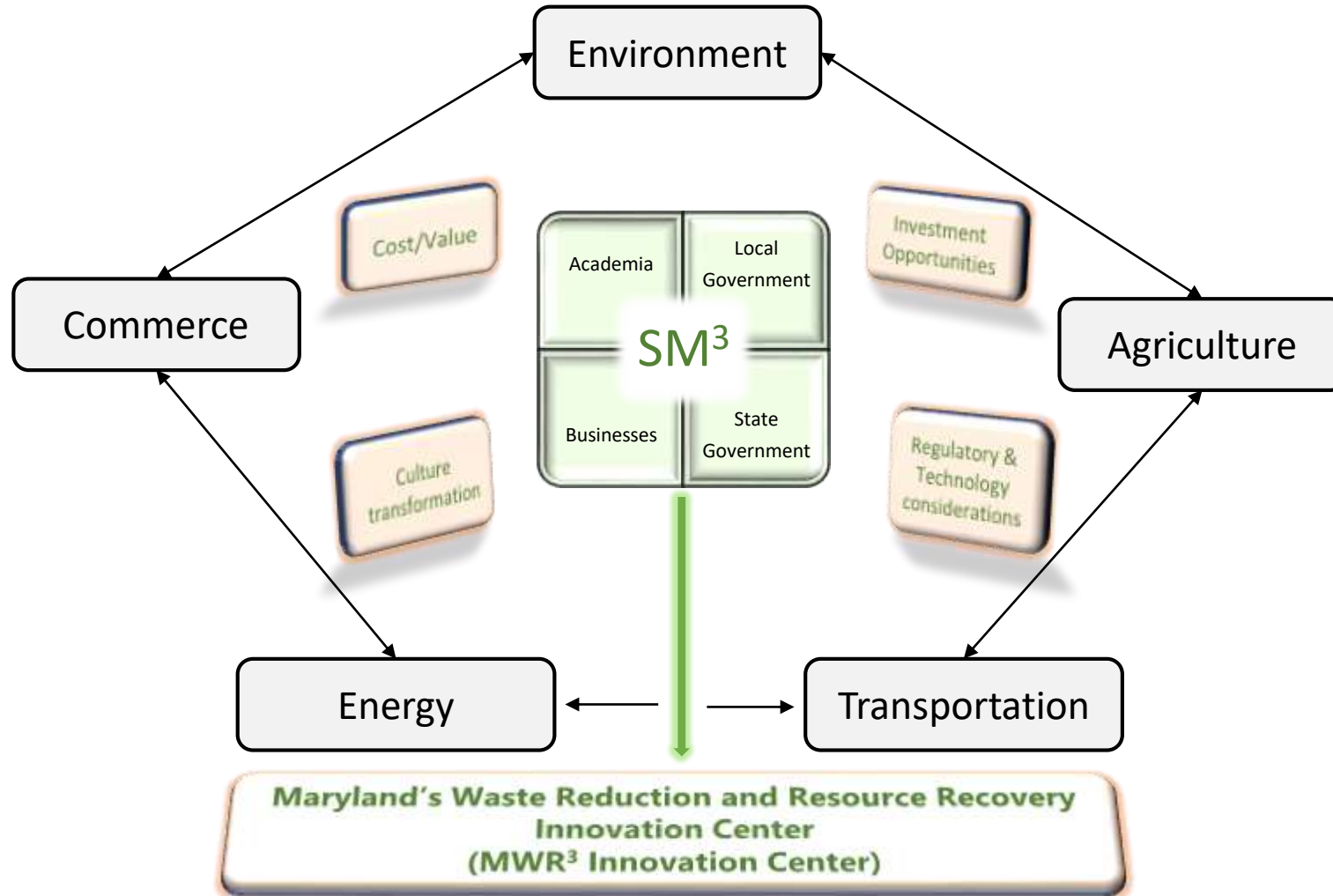
- ▶ Identify and constructively address regulations within Maryland's governmental structure that can inhibit sustainable materials projects and programs
- ▶ Create the Maryland Waste Recovery, Recycling and Resource Recovery Innovations Center (MWR<sup>3</sup>) addressing
  - ▶ Biosolids
  - ▶ Food
  - ▶ Contaminated Plastics
  - ▶ Sediments
- ▶ SM<sup>3</sup> Technology and Innovation Incubator and Accelerator



# SM<sup>3</sup>

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## 2019 Strategic Plan



(Authority: Executive Order 01.01.2017.13)





# For More Information:

[www.sustainablematerialsmanagementmd.com](http://www.sustainablematerialsmanagementmd.com)

***If you would like more information about SM<sup>3</sup> or how you can engage and collaborate with other supporters, please contact:***

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