



Montgomery County Food Waste Strategic Plan Stakeholders Meeting June 26, 2017



Overview

- Progress towards Montgomery County's recycling goal
- Food waste is our next frontier
- Council Bill 28-16 calls on DEP to develop a Food Waste Strategic Plan
- Need to focus on the many aspects of reducing food waste, redirecting excess food to others with unmet needs, increasing recycling, and using compost more

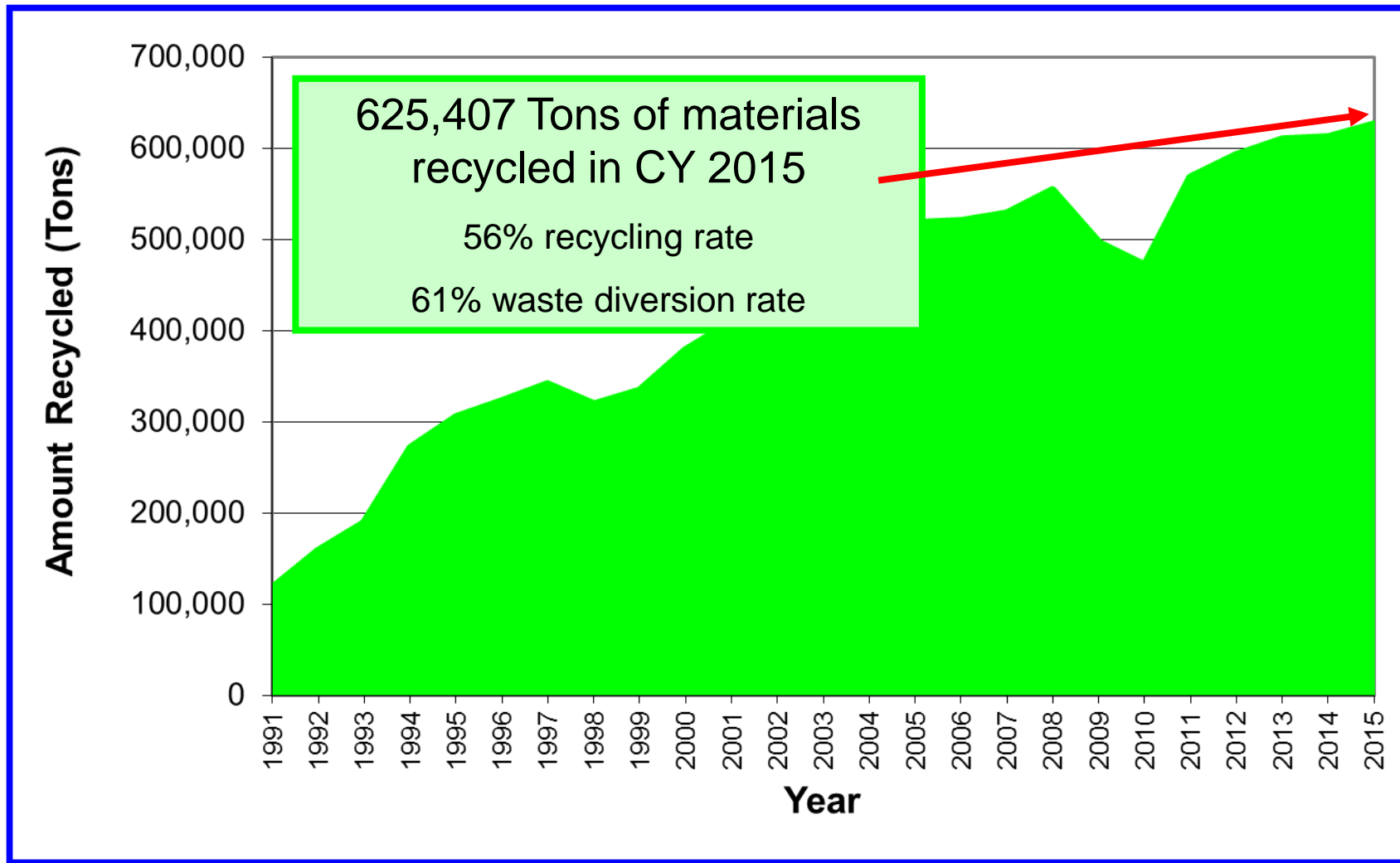
Montgomery County's Integrated Solid Waste Management System



Montgomery County's Waste Reduction & Recycling Goal

70% by 2020

Steady Increases in Recycling



Per Maryland Waste Diversion Rates & Tonnages 1/31/17

Solid Waste Management 10 Year Plan 2012 -2023

...”Examine the feasibility of targeting additional materials types for recycling including food waste generated at restaurants, schools and institutions.

Work with MDE to clarify regulations governing the permitting and operation of food residual composting so as to remove impediments to the development of new food residual composting facilities in our region.

Within six months of adoption by MDE of new and comprehensive regulations governing the siting, permitting, construction and operation of food composting facilities in Maryland, DEP will develop a strategy to contractually obtain access to or promote the development and use of food waste composting capacity to service Montgomery County waste generators.

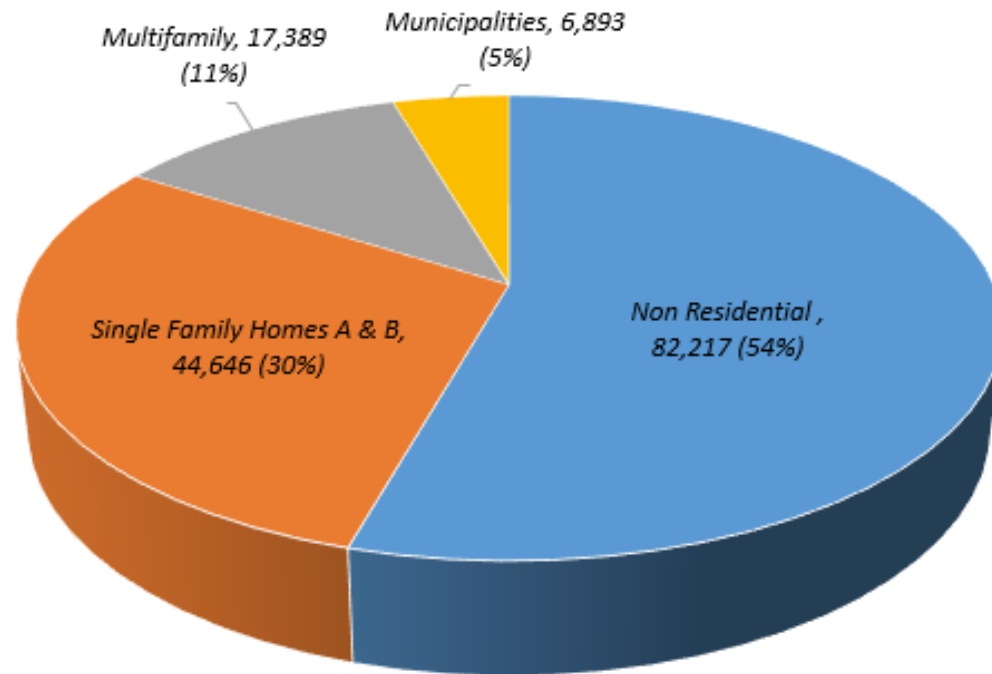
Continue to conduct pilot projects and establish best management practices for food residuals collection, transportation and processing.

Continue to evaluate innovative collection techniques to increase cost-effective recycling of all kinds.”

Source: Comprehensive Solid Waste Management 10 Year Plan - Page 5-12

Generators of Food Waste

Estimated food waste generated in CY 2015: approx. 151,144 tons



Source: Montgomery County Waste Composition Study 2013 as applied to total tons generated in CY 2015

- Largest generators providing greatest opportunity
 - Restaurants, grocery and food-related businesses
 - Schools
 - Institutions
 - Large-scale senior living communities
- Other generators
 - Single-Family Households
 - Multi-Family Properties

Current County Efforts to Reduce and Recycle Food

- Utilize sources of data to identify sources of food waste, and evaluate opportunities
- Pursue capacity at food waste processing and/or compost facility(ies)
- Investigate the state of food recycling and market conditions
 - Food recycling facilities (compost and AD)
 - Collectors providing collection services

Current County Efforts (continued)

- Conduct Demonstration Food Scrap Recycling Project
 - Best practices developed through first-hand experience
- Conduct outreach and education, provide technical assistance to businesses, schools, institutions, multi-family properties
- Coordinate, as appropriate, with other local jurisdictions on food waste

CB 28-16 Requires Strategic Plan for Food Waste

Bill No. 28-16
Concerning: Solid Waste (Trash) - Strategic Plan to Advance Composting, Compost Use and Food Waste Diversion
Revised: 11/15/2016 Draft No. 9
Introduced: June 28, 2016
Enacted: November 15, 2016
Executive: November 28, 2016
Effective: February 27, 2017
Sunset Date: None
Ch. 33, Laws of Mont. Co. 2016

**COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND**

Lead Sponsor: Vice President Berliner
Co-Sponsors: Councilmembers Katz, Huckler, Elrich, Riemer and Navarro

AN ACT to:

- (1) require the Director of the Department of Environmental Protection to develop a Strategic Plan to Advance Composting, Compost Use and Food Waste Diversion in Montgomery County
- (2) generally amend County laws related to Solid Waste (Trash).

By adding
Montgomery County Code
Chapter 48, Solid Waste (Trash)
Section 48-17B

Boldface	<i>Heading or defined term.</i>
<u>Underlining</u>	<i>Added to existing law by original bill.</i>
[Single boldface brackets]	<i>Deleted from existing law by original bill.</i>
<u>Double underlining</u>	<i>Added by amendment.</i>
[[Double boldface brackets]]	<i>Deleted from existing law or the bill by amendment.</i>
* * *	<i>Existing law unaffected by bill.</i>

The County Council for Montgomery County, Maryland approves the following Act:

Emphasis of CB 28-16

- Reduce the unnecessary generation of food waste
- Divert excess consumable food to others with unmet needs
- Advance composting
- Encourage use of finished compost

Strategic Plan to Advance Composting, Compost Use and Food Waste Diversion

Per Council Bill 28-16, DEP will:

- Identify/examine many elements in reducing food waste and increasing composting
- Make comprehensive and far-reaching recommendations
- Consult with substantial set of stakeholders and interested parties



These elements include:

- Legislative changes;
- County policies/initiatives;
- Models/best practices;
- Metrics for assessing diversion, composting;
- Goals/target dates;
- Challenges/means of overcoming challenges;
- Potential sites for food waste composting operations;
- Environmental/public health benefits; and
- Cost estimates, potential economic benefits

Our Approach

- Establish stakeholder working groups to work on issues
- Each working group prepares documents that address issues raised
- Documents are reviewed by other working groups
- Opportunity to discuss documents
- County will compile documents into draft Strategic Plan
- Stakeholders will review draft Plan
- County will prepare the final Plan; submit to County Council

Consult with Stakeholders

- Identify stakeholders
- Conduct initial and follow-up meetings with stakeholders
- Seek stakeholders' expertise in plan development
- Receive input on draft strategic plan
- Hold work sessions for feedback, input



Working Groups

- Reducing food waste/channeling food to others
- Backyard composting & community-scale composting
- On-site institutional/on-site business composting
- On-farm composting
- Commercial composting* in Montgomery County
- Strategies to maximize collection at the curb

*other technologies may be considered

Issues for Each Topic Area

- Objectives to be met
- Challenges and opportunities
- Models and best practices
- Policy, legislation, regulations that may be needed
- Economics and incentives
- Environmental aspects
- Education and outreach
- Metrics
- Use of finished compost/product

Decision Making Process

- Everyone's perspective is valuable, and everyone's input is important.
- Consider all relevant information.
- Evaluate all options.
- Strive for consensus.
- If there is not consensus, find the best alternative – one that most everyone can live with.
- Ultimately, it is the responsibility of the County to recommend a strategy that balances all interests to bring about greatest good for all.

Next Steps and Timing

Date	Activity
June 26, 2017	Kick off meeting of stakeholders
July – early September	Meetings of working groups: discuss issues, develop draft documents
Mid September	Circulate draft documents to other working groups
September – mid October	Hold open forum to discuss draft documents, get feedback and input
Late October	Revise draft documents
Early November	Compile drafts into single document; distribute for review
November	Follow-up with stakeholders to discuss final comments
December	Complete final document
January 2018	Transmit to Council

Blue – All stakeholders activity

Yellow – Working group activity

Green – County activity

Immediate Next Steps

- Complete your survey form
- Select Three (3) Options for Working Groups
- Indicate your First, Second and Third Preference
- Email your survey form back to us by July 6

Questions?

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