

Public Hearing

- Beagio's Pizza, 5795 Sanilac Rd, Kingston, MI
- September 16, 2026, 6:00 PM



Materials Management Plan (MMP)

for the

Thumb Region

Huron County
Lapeer County
Sanilac County
Tuscola County

The draft MMP is available for public inspection online at:
www.tuscolacounty.org/recycling/mmpc.php



Recycle for us at Tuscola County Recycling Facility





DEQ recycling grant program
www.recyclesearch.com/michigan-directory

Materials Management Planning Committee

Tuscola County has partnered with Sanilac, Huron and Lapeer counties to form the Materials Management Planning Committee, or MMPC.

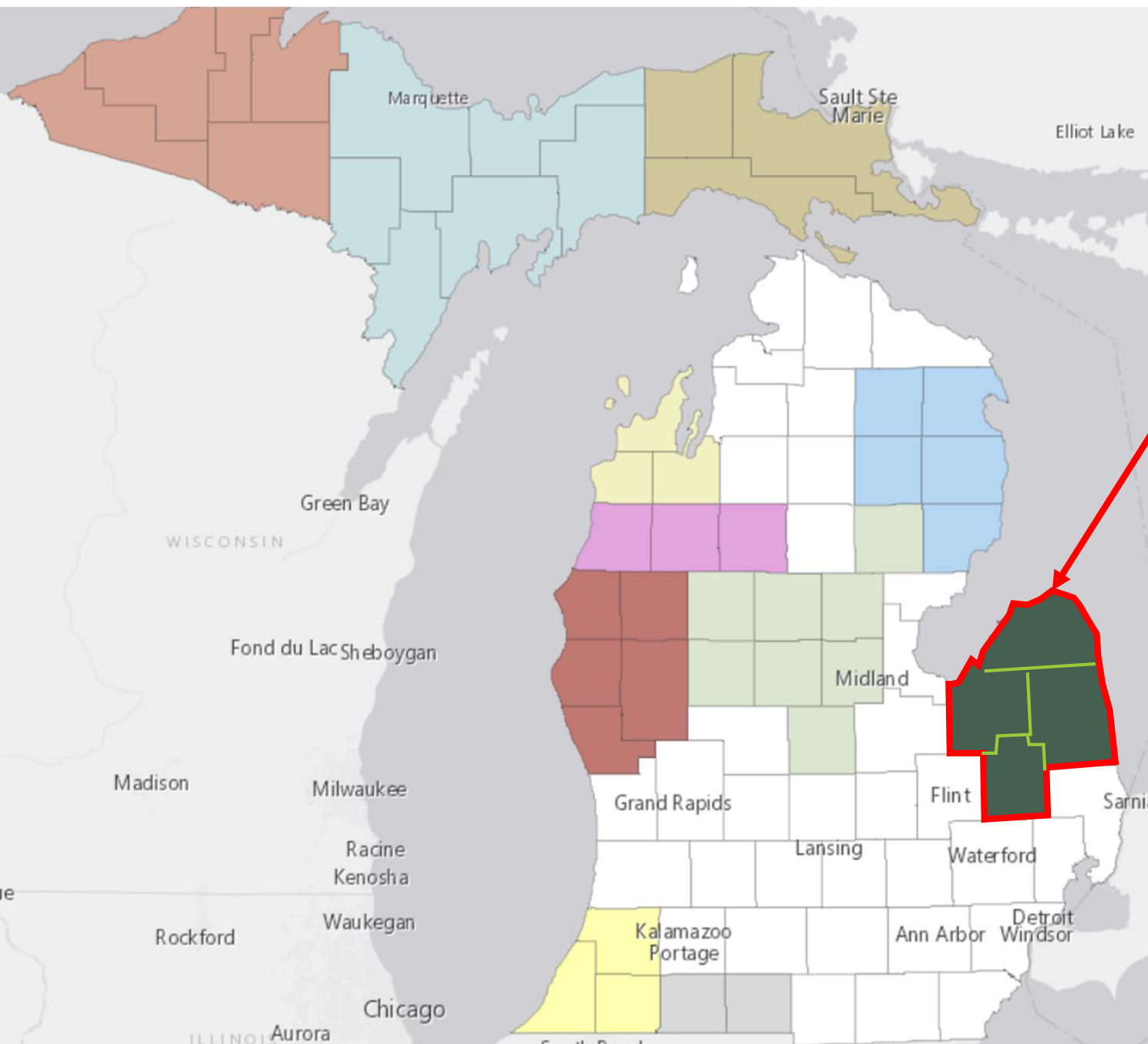
Any documentation relating to the MMPC will be posted at this page. Including but not limited to; public notices, meeting agendas, minutes, and related information.

[2025 MMPC Meeting Dates](#)
[2026 MMPC Meeting Dates](#)
[MMP for Public Comment](#)

Links:


Home


Events



Materials Management Planning Committee = MMPC

“Planning Area” consists of:

- Huron County
- Lapeer County
- Sanilac County
- Tuscola County

State Law (NREPA Section 11507)

Goals for Materials Management – State Goals

- **Optimize recycling opportunities**, including electronics recycling opportunities, and the reuse of materials
- Achieve a **45% municipal solid waste (MSW) recycling rate**
- As an interim step, **by 2029 achieve a 30% MSW recycling rate**
- Encourage and facilitate all persons to engage in **source separation of material from solid waste**, and other environmentally sound measures to prevent materials from entering the waste stream

By law, MMPs are Required to Address

- NREPA Section 11578
- Demonstrate progress after 5-years to:
 - Reduce **organic material** being disposed of, through food waste reduction, composting, and anaerobic digestions
 - Reduce **recyclable materials** being disposed of through increased recycling, including expanding convenient access and recycling at single and multifamily dwellings, businesses, and institutions
 - Development of necessary facilities and activities
 - Benchmark recycling standards

Materials to be Managed

- Organics

- Yard Waste

- Leaves
- Grass clippings
- Vegetable or other garden debris
- Shrubbery
- Brush or tree trimmings
- <4-ft in length and <2" diameter



- Food Waste

- Wood & Lumber



- Recyclable Materials

- Paper products & cardboard

- Metal

- Plastics

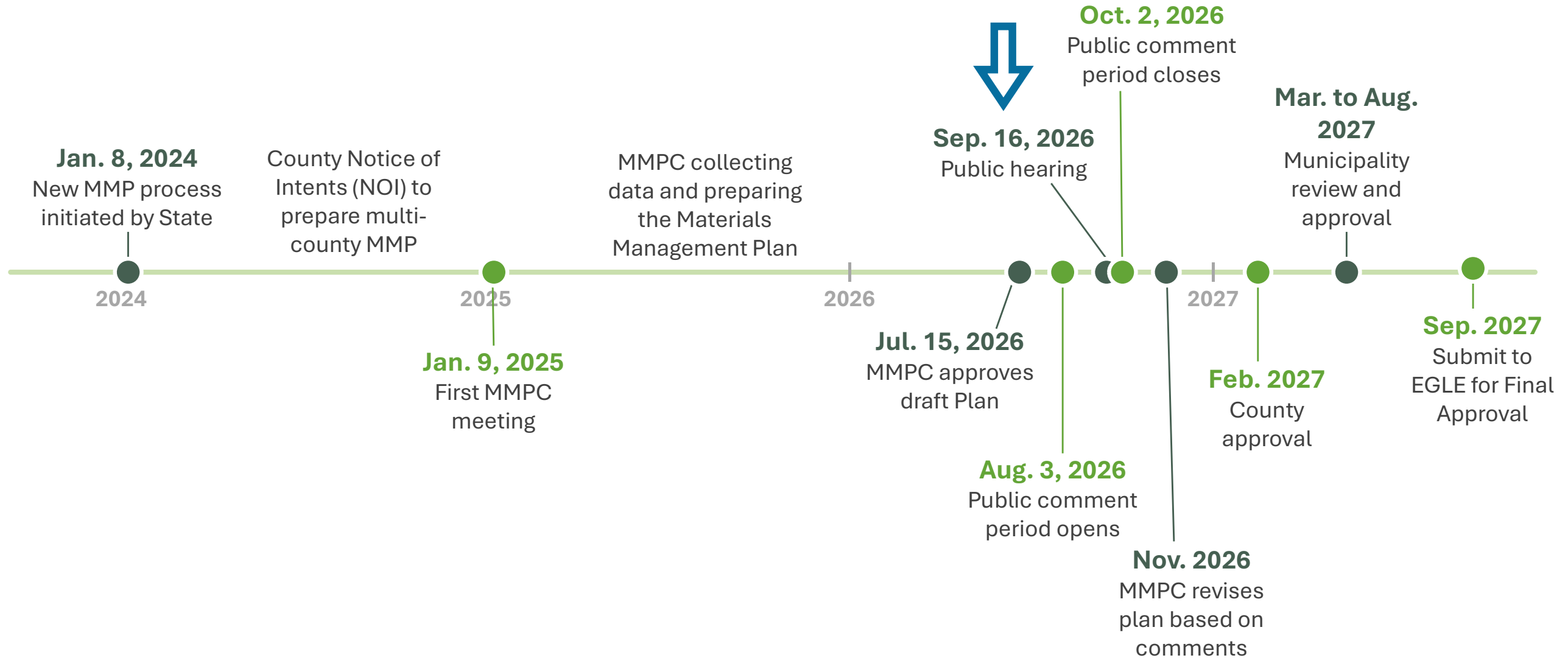
- Glass

- Rubber

- Textiles



Materials Management Plan Timeline



Goal of the MMPC – Waste Diversion

- Decrease materials from the Planning Area being landfilled
- Educate residents on materials management and movement of waste and recycling
- Change how we think about use and reuse of commodities



Goal of the MMPC – Increase Recycling

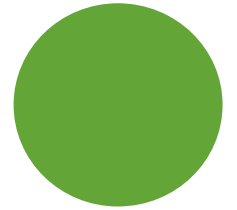
- Describe the economic, environmental, and social benefits of recycling
- Invigorate local communities to participate in the circular economy
- Liaison with LUGs to implement resident-preferred recycling services
- Enhance public education and resources to promote recycling



MRF System image courtesy
American Waste Control, Inc. of Tulsa, OK

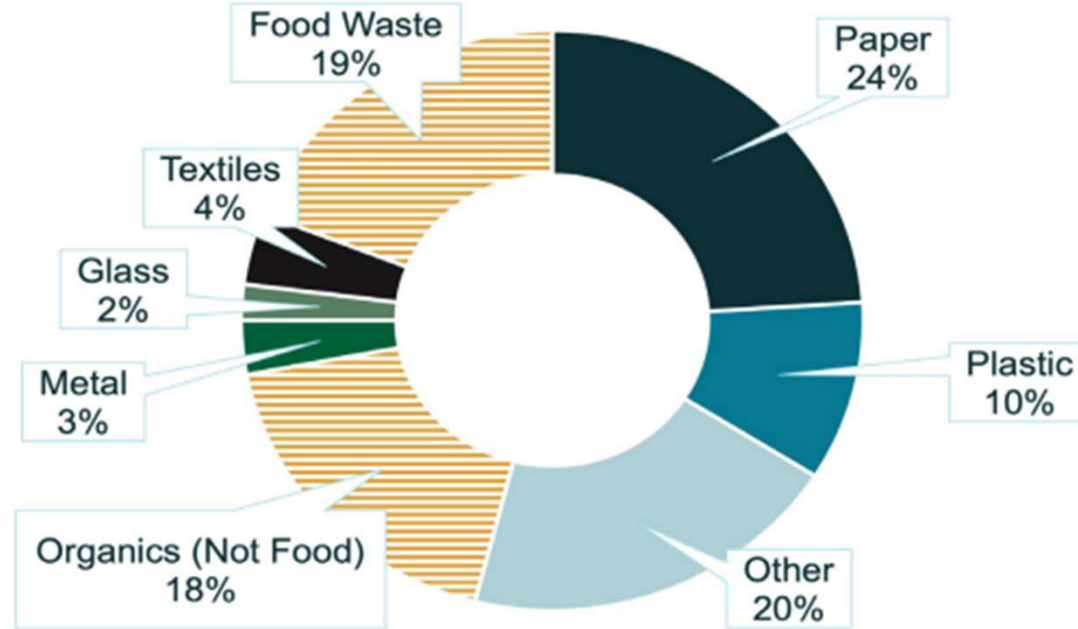
Goal of the MMPC – Promote Composting

- Describe the benefits of composting
- Work with local organizations to improve data collection
- Improve education and distribute resources to expand backyard composting

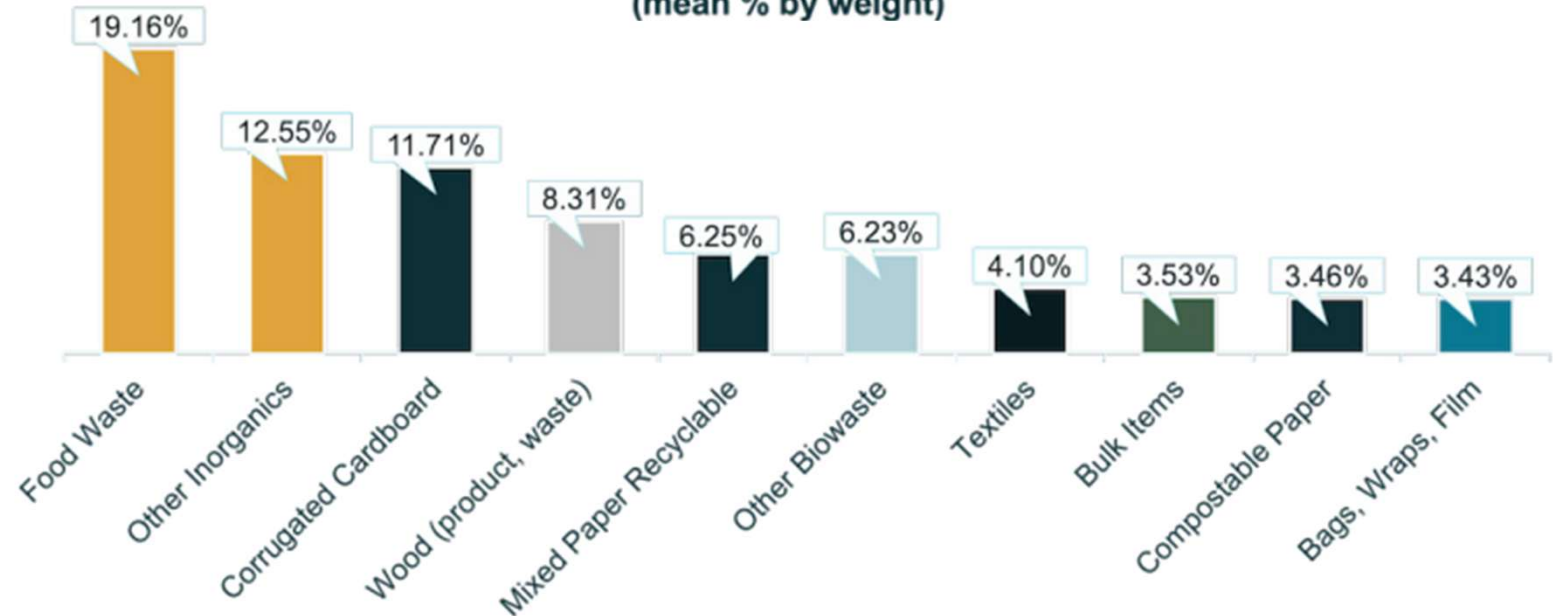


Summer 2023 Data MI Landfills

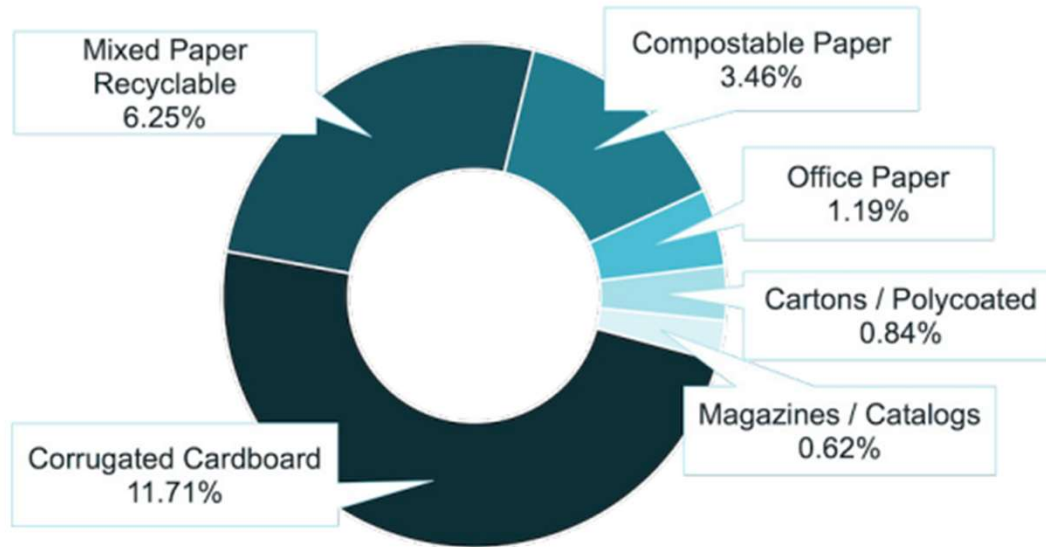
Michigan Municipal Solid Waste Composition
(mean % by weight)



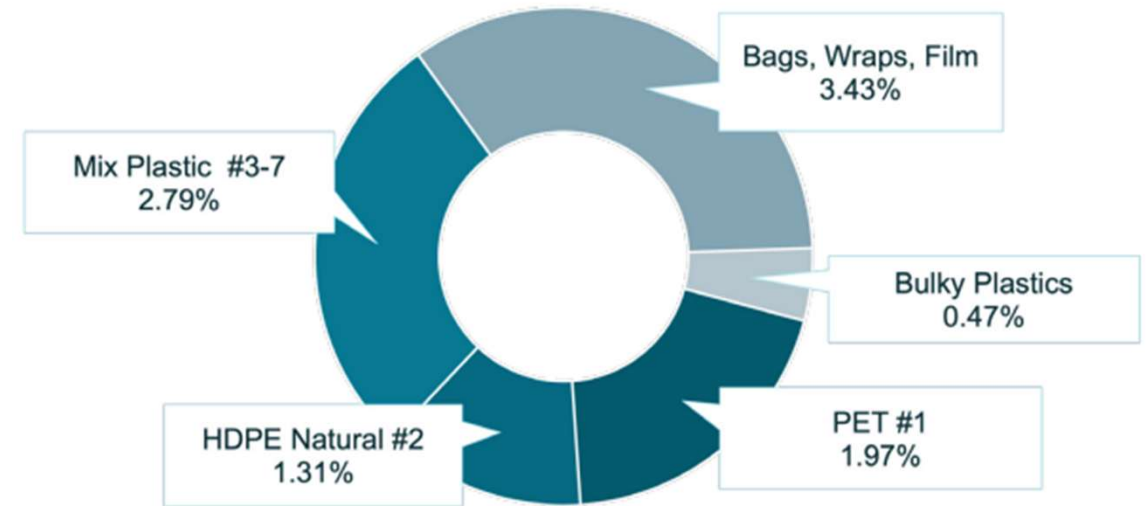
Top Materials in Michigan MSW Composition
(mean % by weight)



Paper in Michigan MSW Composition
(mean % by weight)



Plastic in Michigan MSW Composition
(mean % by weight)



Organics in Michigan MSW Composition
(mean % by weight)

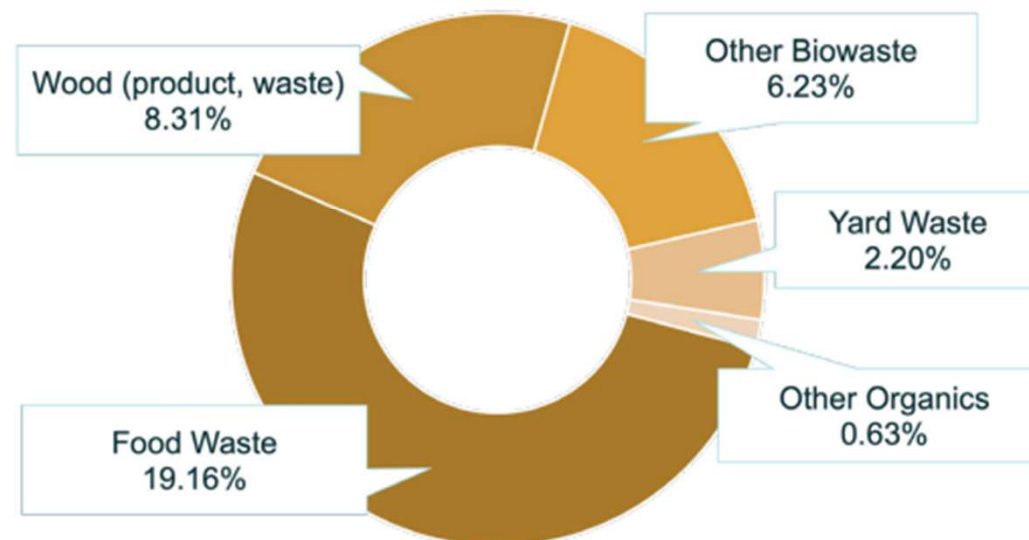


Table 4-1: Population Density

County	Huron	Lapeer	Sanilac	Tuscola
Year	Population	Population	Population	Population
2020 (Census year)	31,404	88,622	40,614	53,317
2021	31,319	88,667	40,545	53,043
2022	31,150	88,701	40,536	52,932
2023	30,943	89,060	40,434	52,856
2024	30,780	89,168	40,293	52,757
2025	30,618	89,276	40,152	52,685
Population Change (/year)	-0.5%	0.1%	-0.2%	-0.2%
Estimated 2030 Population	29,852	89,935	39,695	52,060
Total Planning Area 2030 Projected Population	211,542			
Resources:	https://www.michigan-demographics.com/ https://www.census.gov/data/tables/time-series/demo/popest/2020s-counties-total.html			

2025 Population

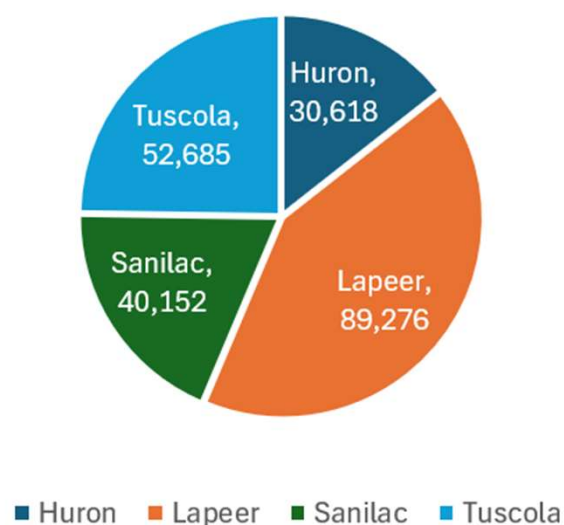
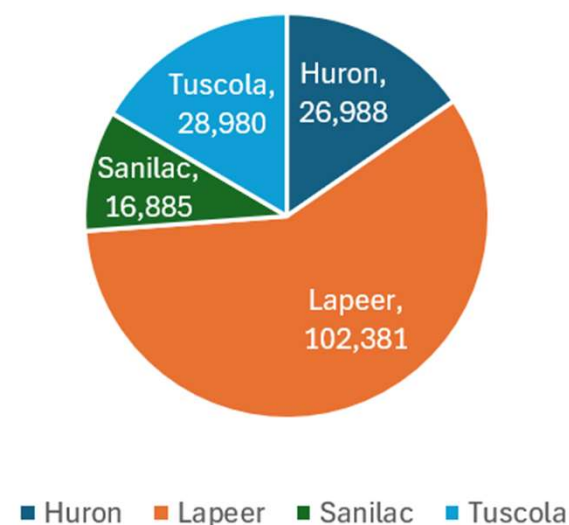


Table 4-2: Municipal and Commercial Waste (MCW) Generation

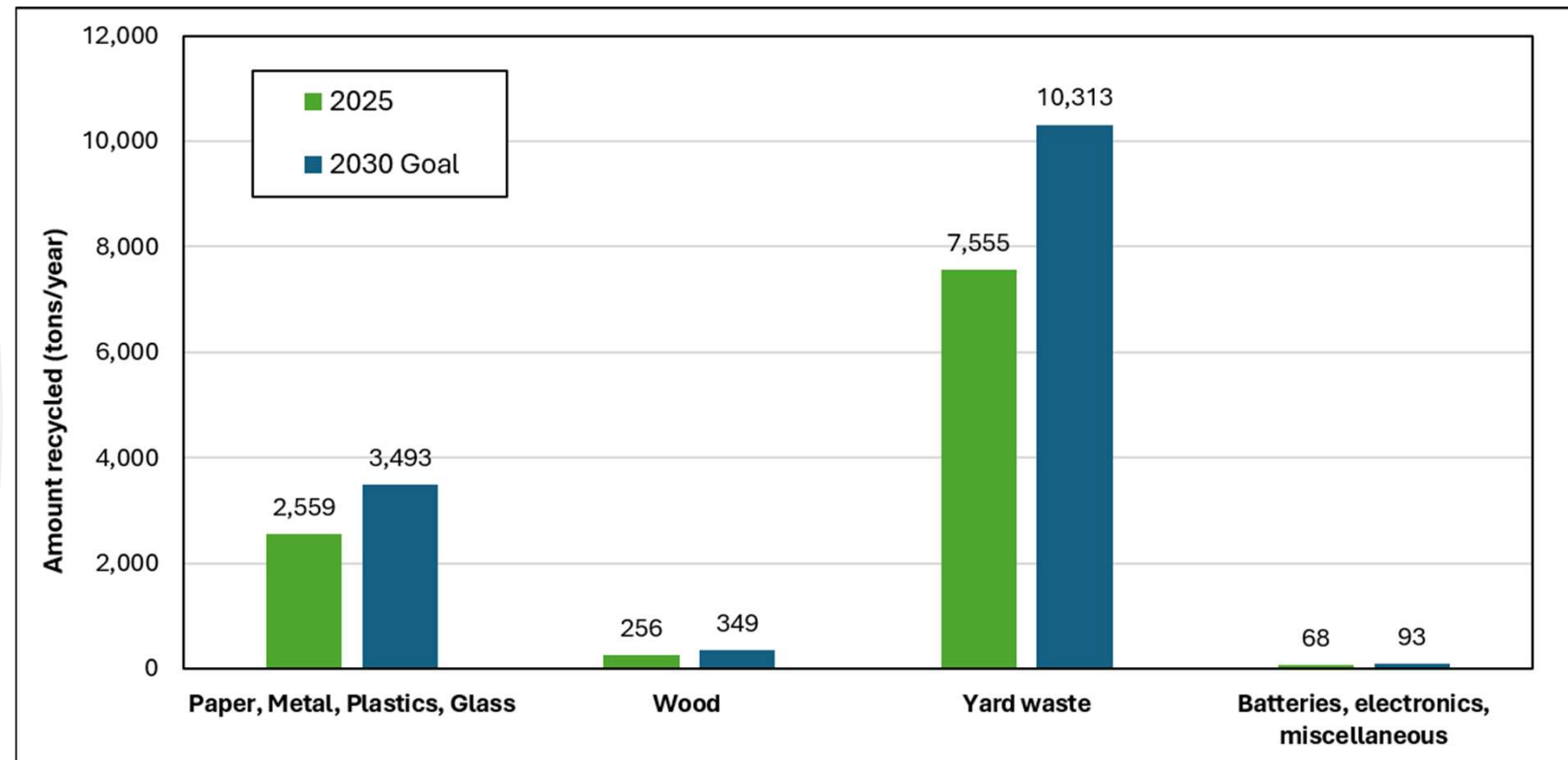
County	Huron	Lapeer	Sanilac	Tuscola
Year	MCW Landfilled	MCW Landfilled	MCW Landfilled	MCW Landfilled
2020 (Census year)	25,553	87,403	18,457	30,193
2021	24,778	92,095	19,474	28,708
2022	23,896	88,468	16,816	28,075
2023	22,848	85,882	15,791	22,716
2024	26,567	94,430	16,677	28,460
2025	26,988	102,381	16,885	28,980
Average MCW Generation (tons/capita)	0.81	1.03	0.43	0.53
Estimated 2030 Population	29,852	89,935	39,695	52,060
Estimated 2030 MCW Generation (tons)	24,180	92,633	17,069	27,592
Estimated Residential (%)	60%			
Estimated Commercial (%)	40%			

2025 MSW Landfilled (tons)



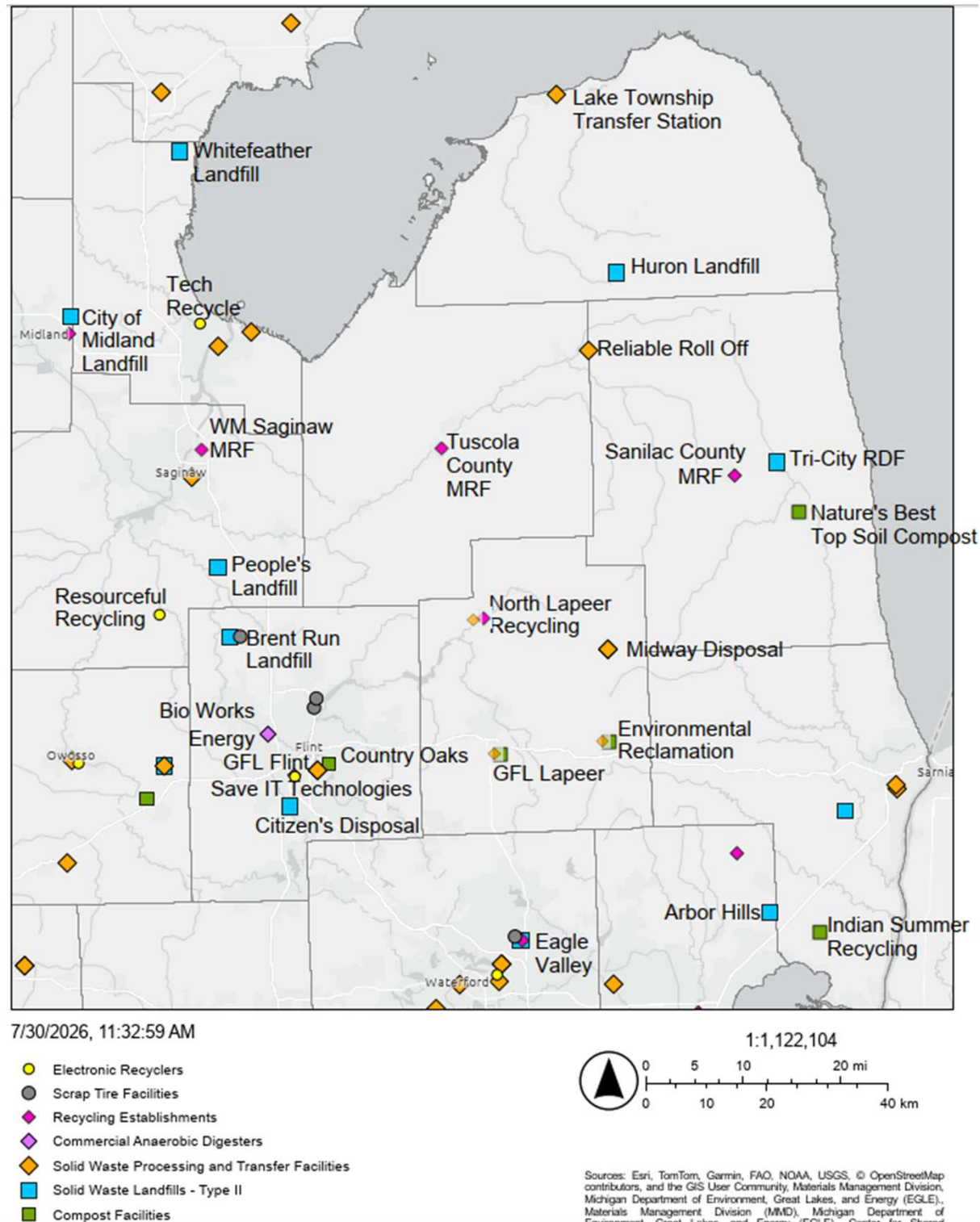
Current Recycling Rate =
5.6% (2025)
(Commercial & Residential)

Recycling Rate Goal =
7.5% (2030)
3,500 more tons/year



Materials Management Facilities

Adequate Capacity Through 2030



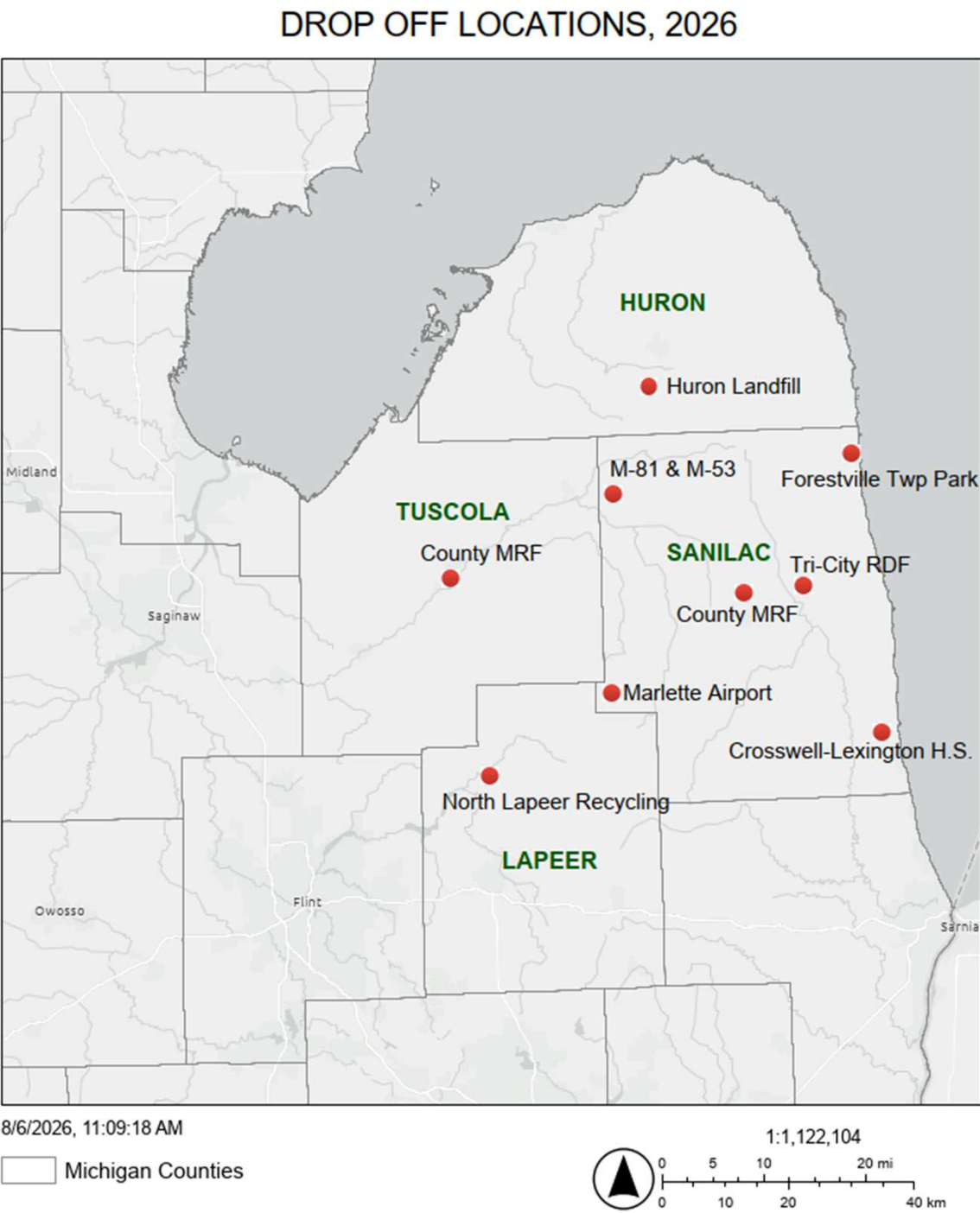
Benchmark Recycling Standards

*[Section
11502(6)]*

- By 2026: 90% of single-family dwellings in urban areas have access to curbside recycling – **Lapeer & Caro are urban areas and already have access to curbside recycling.**
- By 2028: 90% of municipalities with more than 5,000 residents have access to curbside recycling – **Only City of Lapeer has >5,000 residents and they have access to curbside recycling.**
- By 2032: In counties with populations <100,000, at least 1 drop-off location for each 10,000 residents without access to curbside recycling. Drop-off must be open at least 24 hours per month – **One goal of the MMP is to assist Counties to implement drop-offs**

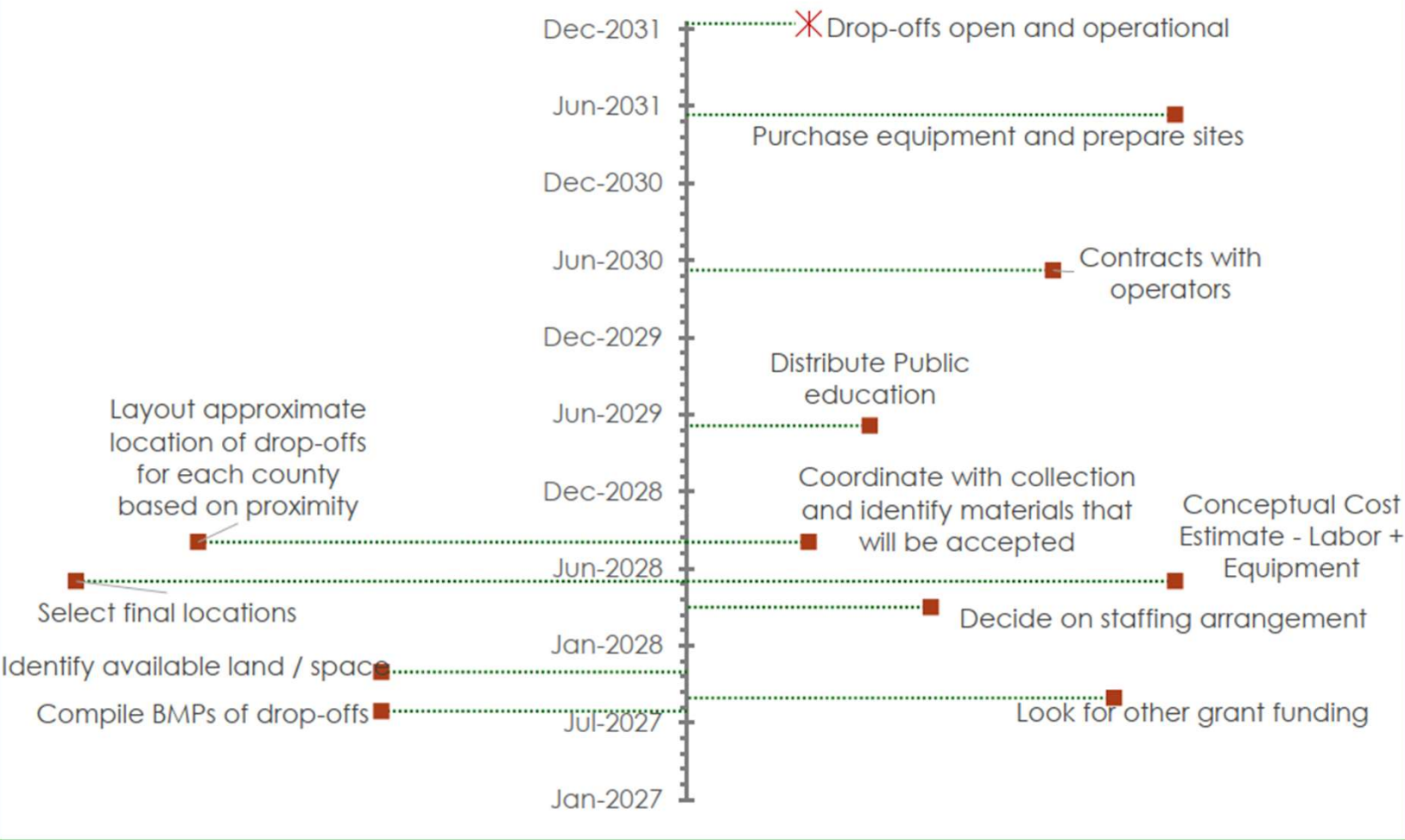


County	Existing Drop-offs	Drop-offs Needed
Huron	(1) Huron Landfill	(1)
Lapeer	(1) North Lapeer Recycling	(5)
Sanilac	(1) Sanilac County MRF (2) Tri-City RDF (3) M-81 & M-53 Intersection (4) Croswell- Lexington High School (5) Marlette Airport (6) Forestville Twp Park	(0)
Tuscola	(1) Tuscola County MRF	(1)

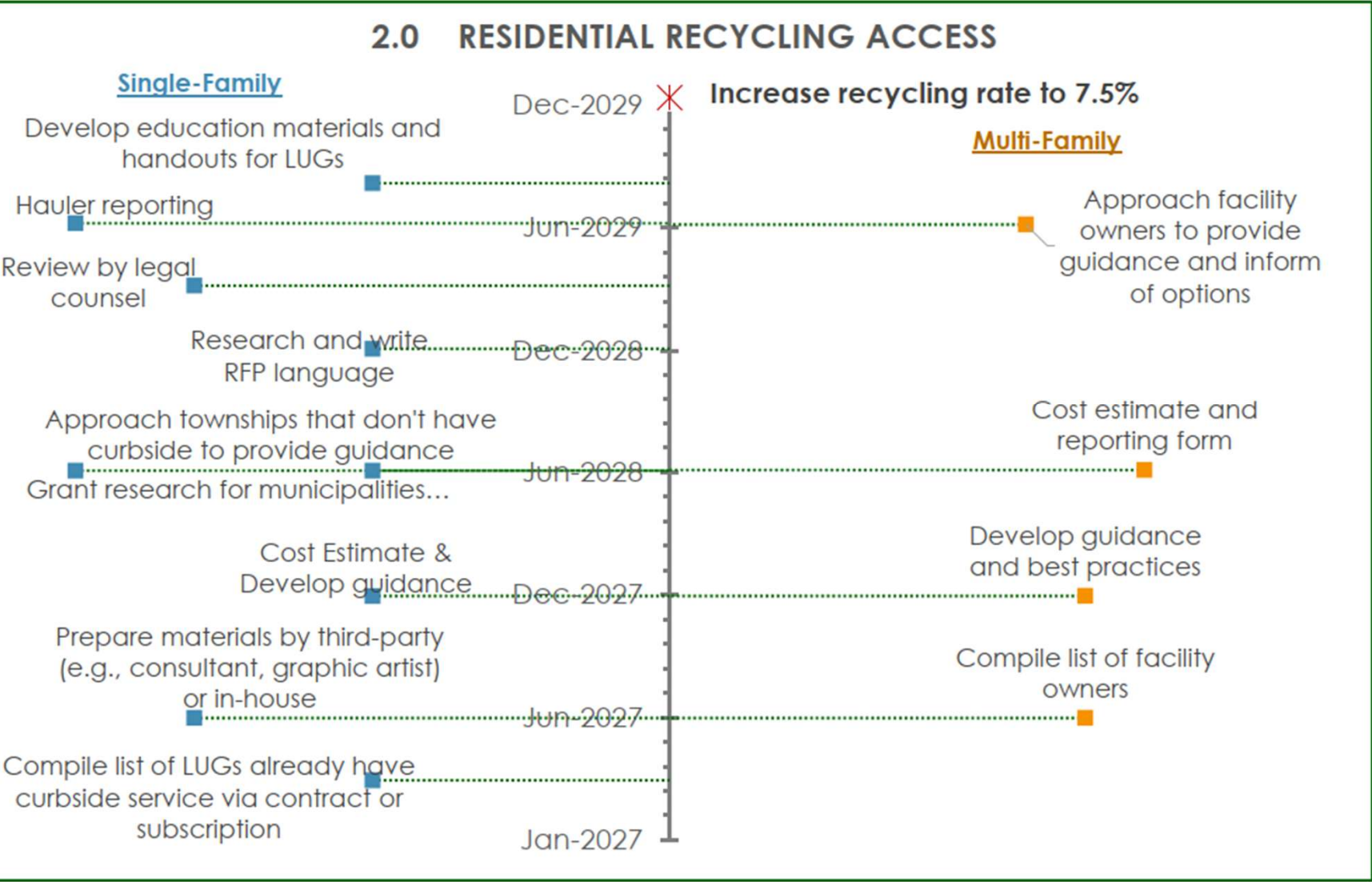


Appendix E in Plan – Goals & Implementation Strategy

1.0 BENCHMARK RECYCLING STANDARDS



Appendix E in Plan – Goals & Implementation Strategy



BIN Service

3- and 4-cubic yard bins are available for both recycling and landfill needs and 2-cubic yard bins are available for food scraps recycling.

3- and 4-cubic yard
RECYCLABLES BIN



3- and 4-cubic yard
LANDFILL BIN



2-cubic yard
FOOD SCRAPS RECYCLING BIN

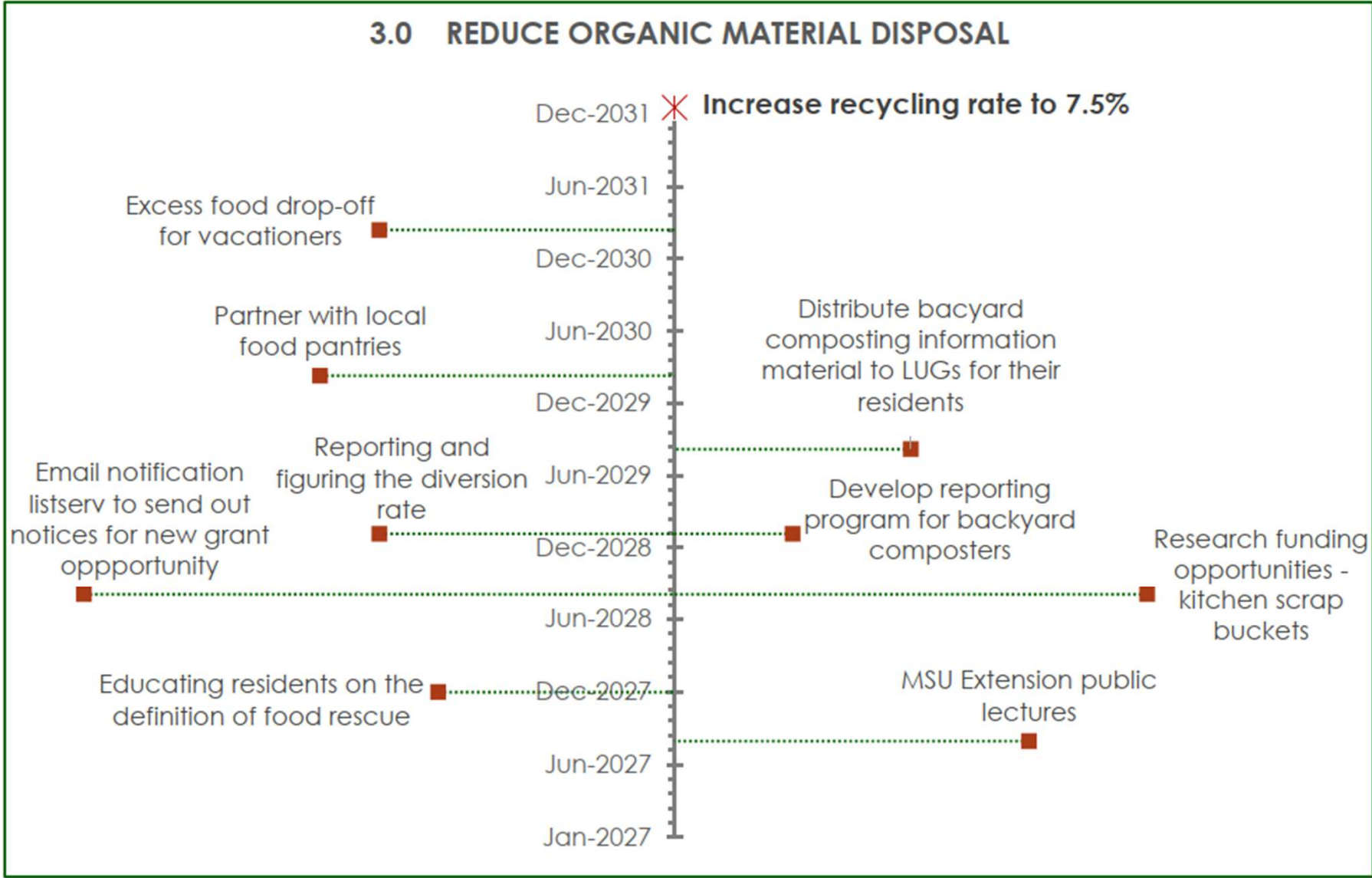


3- and 4-cubic yard
RECYCLABLES & LANDFILL SPLIT BIN

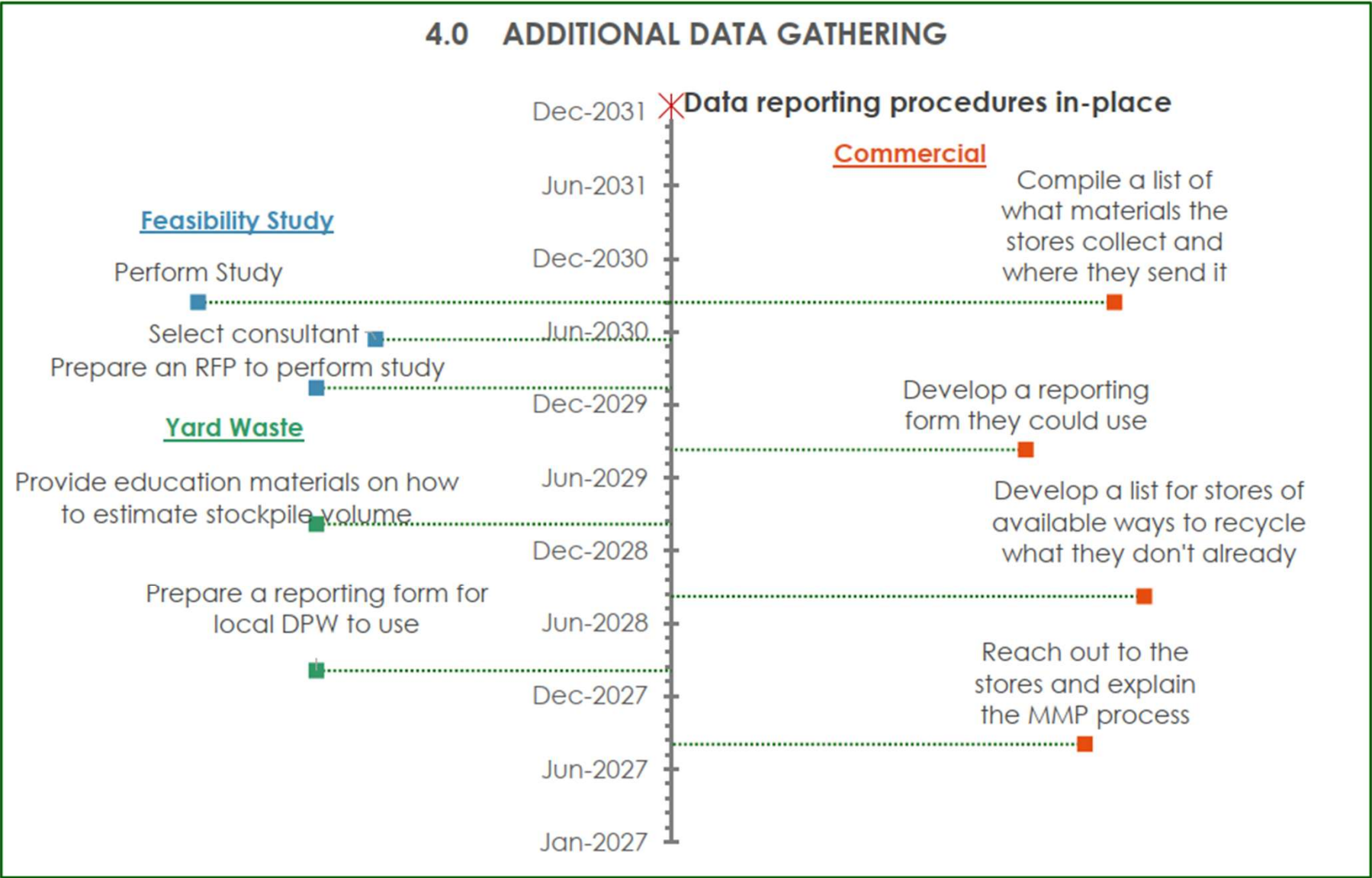


For properties with limited space, a split bin (recyclables and landfill) option is available.

Appendix E in Plan – Goals & Implementation Strategy

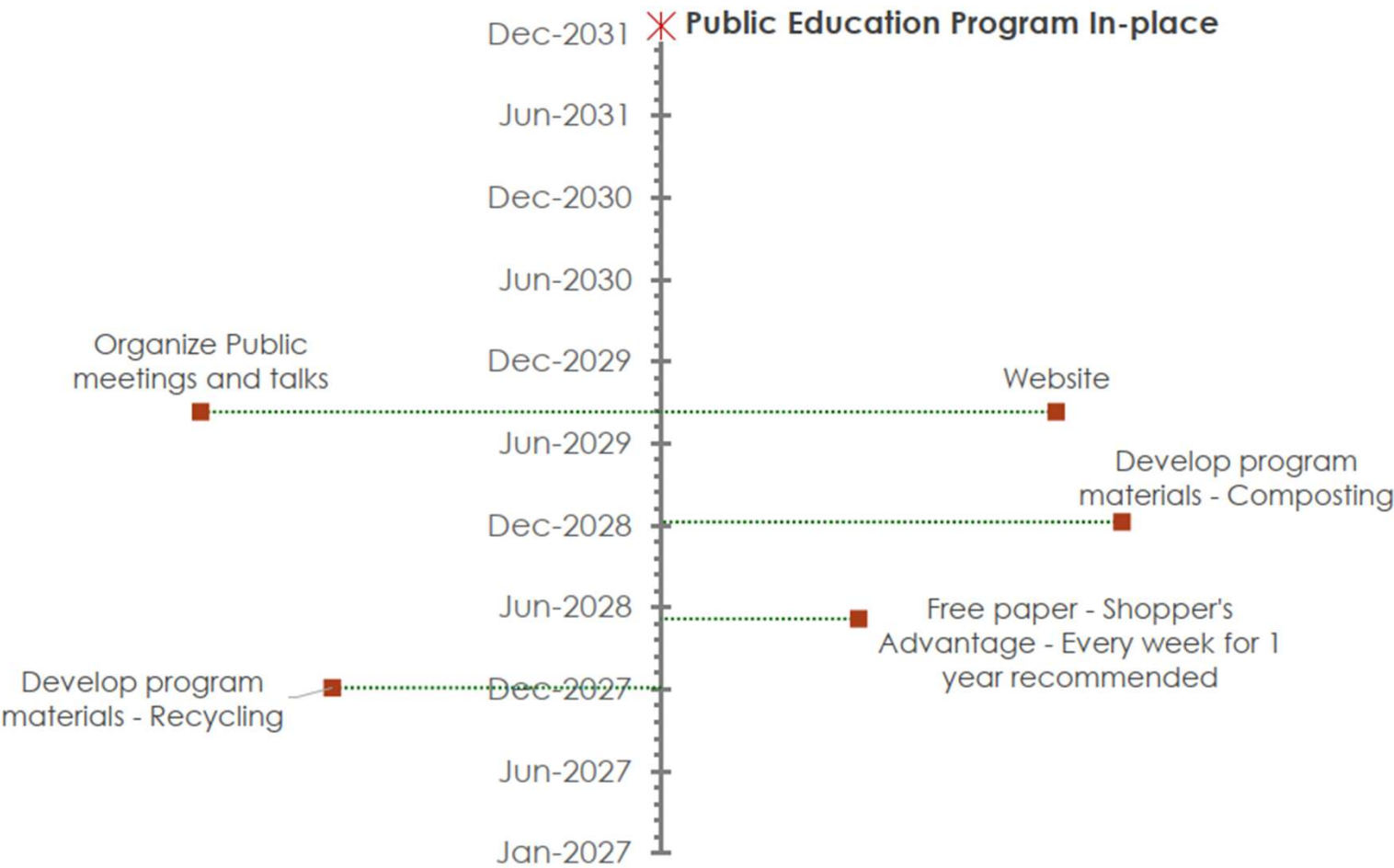


Appendix E in Plan – Goals & Implementation Strategy



Appendix E in Plan – Goals & Implementation Strategy

5.0 PUBLIC EDUCATION



RECYCLE RIGHT



Always Recycle



Plastic Bottles, Cups & Containers



Paper & Paper Cups



Glass Bottles & Containers

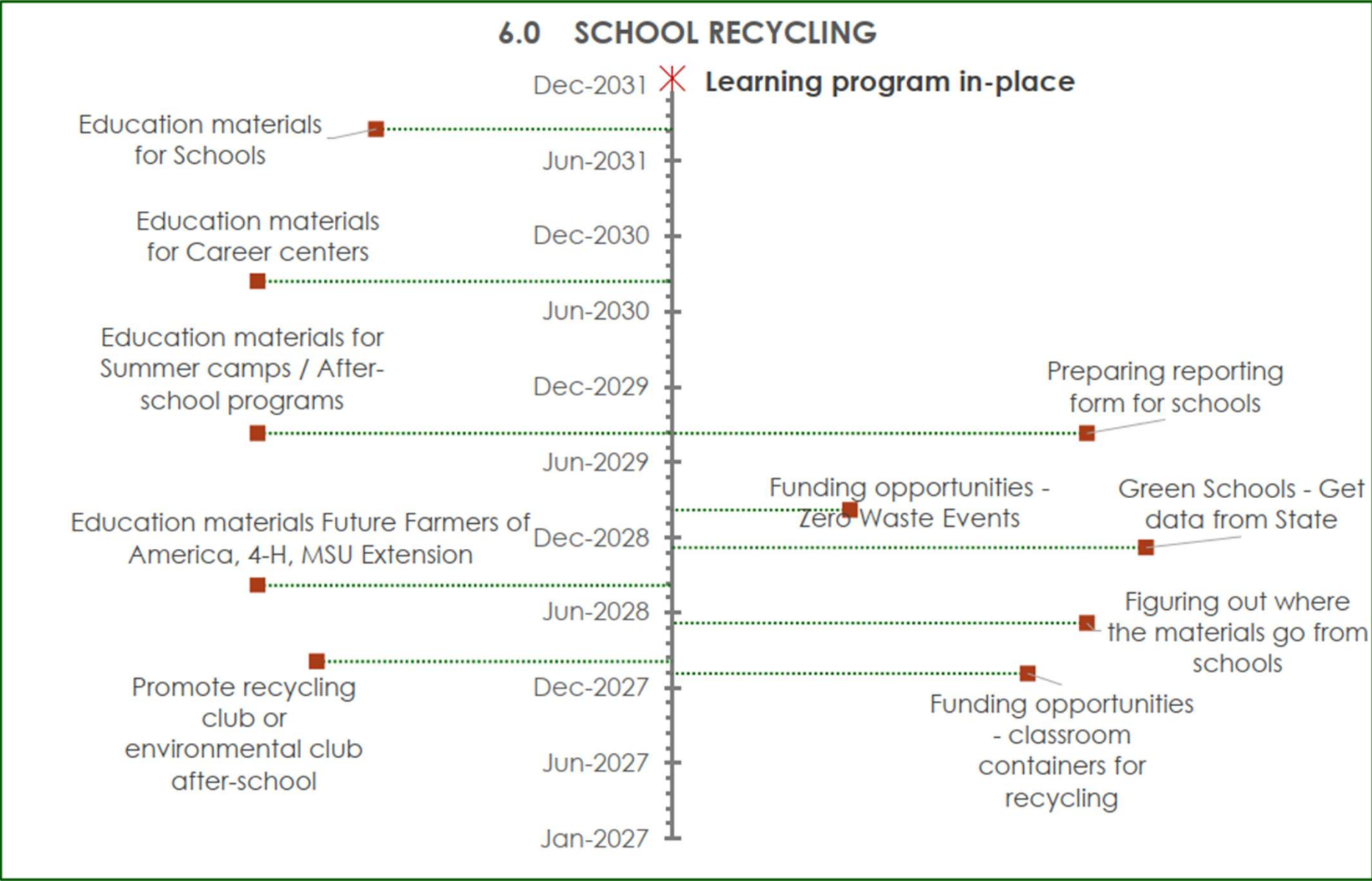


Flattened Cardboard & Paperboard

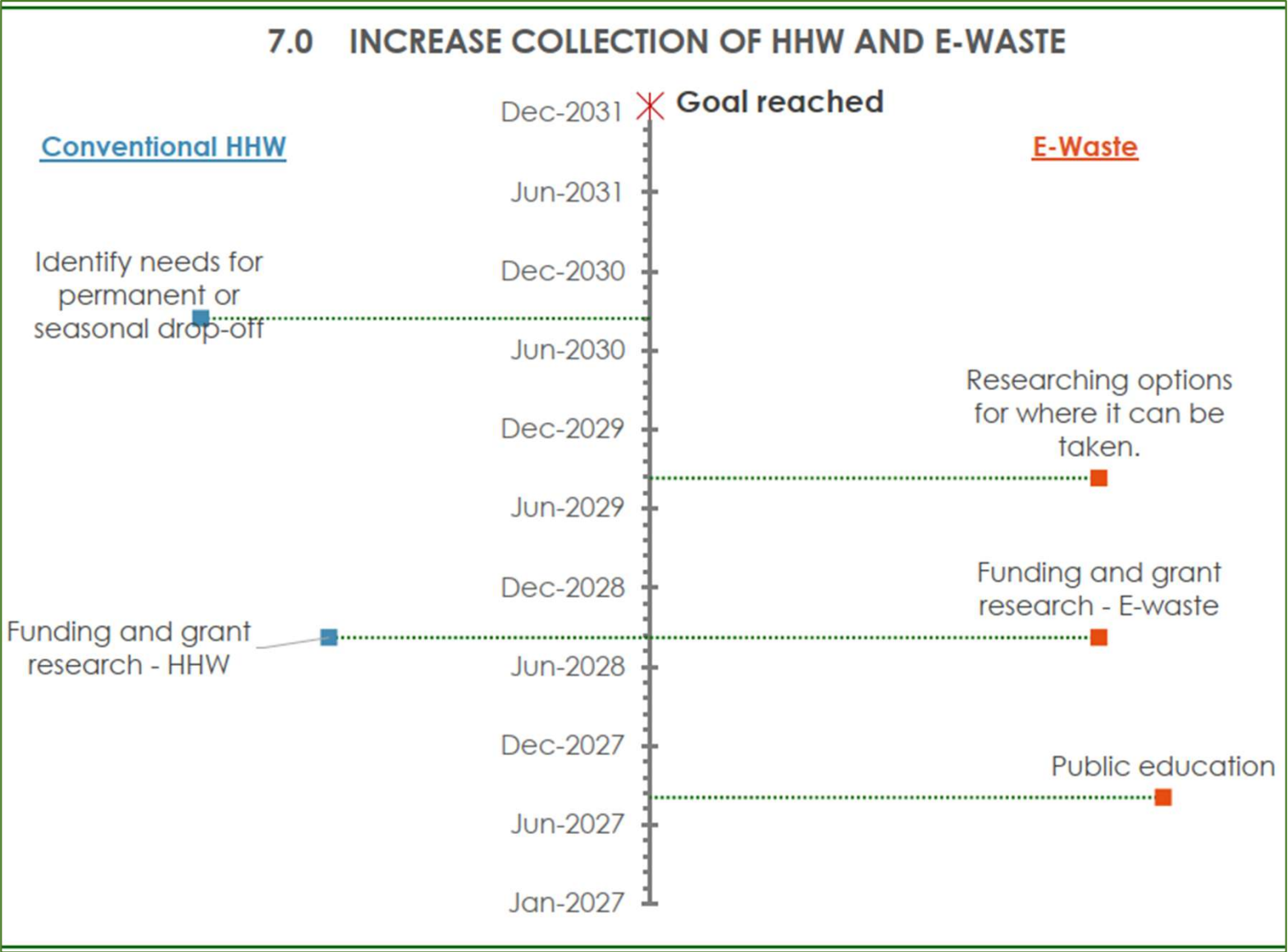


Food & Beverage Cans

Appendix E in Plan – Goals & Implementation Strategy



Appendix E in Plan – Goals & Implementation Strategy



Appendix E in Plan – Goals & Implementation Strategy

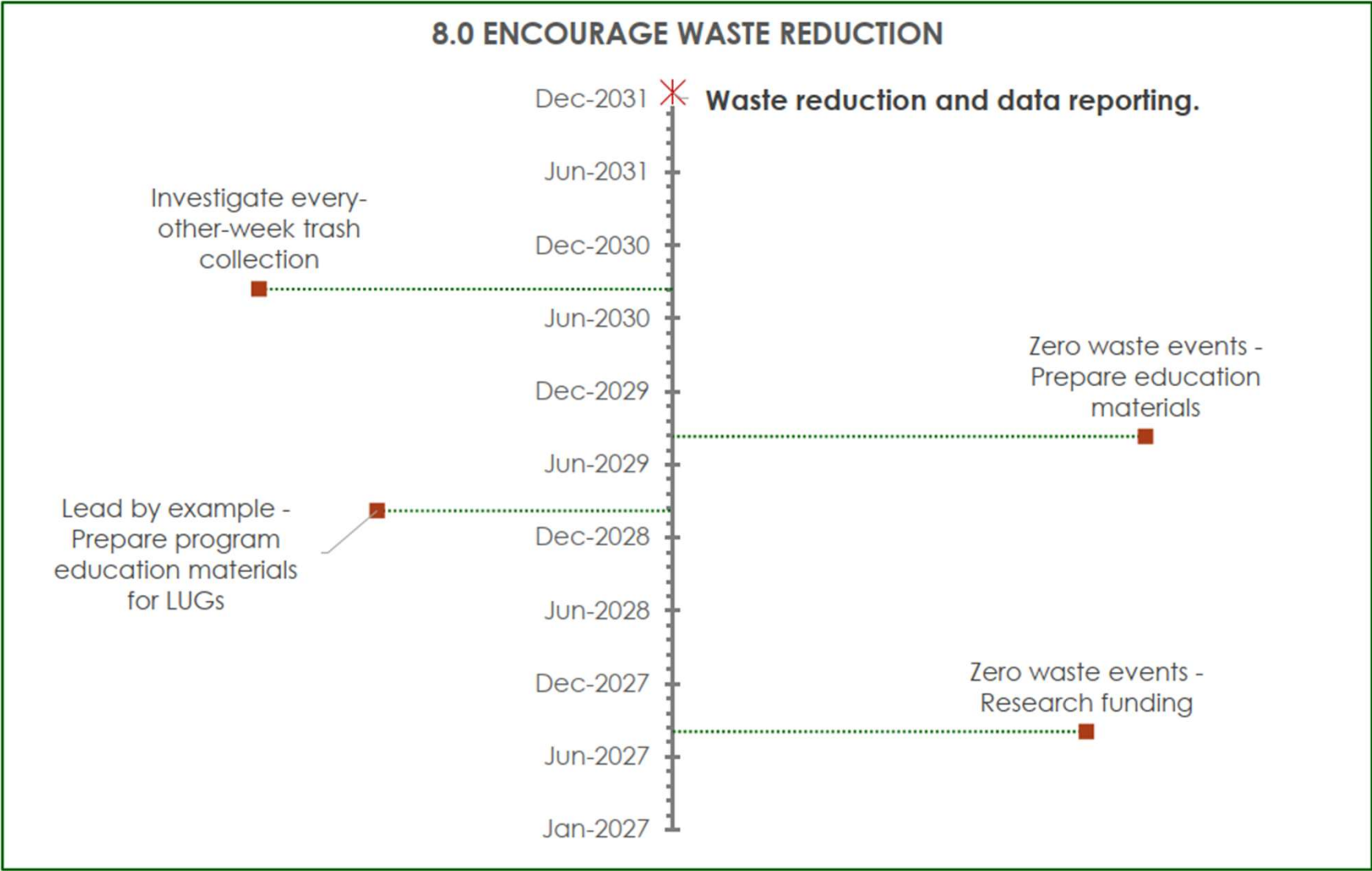


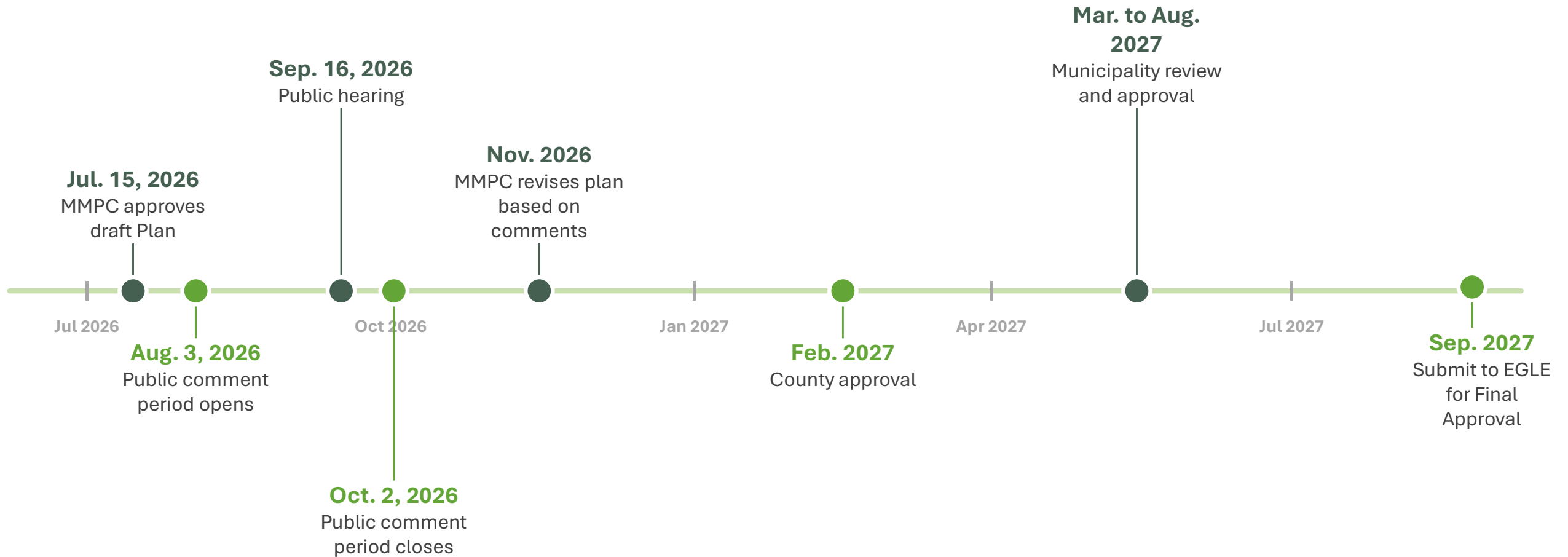
Table 4-8: Managed Materials Capacity Comparison

COMBINED RESIDENTIAL + COMMERCIAL							
Material Type	Required Capacity - Recycling (tpy)	Available Capacity - Recycling (tpy)	Required Capacity - Organics (tpy)	Available Capacity - Organics (tpy)	Required Landfill Capacity - MCW (cyd/yr)	Available Landfill Capacity - MCW (cyd)	Available Landfill Capacity - MCW (years)
Paper and Paperboard	45,957	59,199	N/A		525,702	69,194,651	132
Metals	17,027		N/A				
Plastics	24,324		N/A				
Glass	8,354		N/A				
Rubber and Leather	Recycling of these materials is not currently within the scope of this 5-year MMP cycle.						
Textiles							
Wood							
Miscellaneous inorganic waste							
Other Materials							
Food Waste	N/A		43,046	0			
Yard Clippings	N/A		23,066	91,356			

Additional capacity will be needed to handle all recyclables (fibers, metals, plastics, glass) and food waste generated in the planning area. Given the rural nature of the planning area, food waste capacity will be addressed, at least initially, through development of a formal backyard composting program (See Goal 3.0 in Appendix E

The Planning Area has adequate capacity for managing the generated solid waste and yard waste through 2030. The current available capacity for recyclables allows for recycling of over 60% of the generated fibers, metals, plastic and glass in the planning area, and is considered adequate for this 5-year planning period. A waste characterization and feasibility study is proposed as part of this MMP (See Goal 4.3 in Appendix E) to evaluate whether additional MUFs should be developed in the planning area. In the meantime, we believe that as recycling participation increases, existing MUFs may increase their capacity or other MUFs in Michigan may be utilized.

2026 – 2027 Plan Activities



The draft MMP is available for public inspection online at:

www.tuscolacounty.org/recycling/mmpc.php



Recycle for us at Tuscola County Recycling Facility



DEQ recycling grant program
www.recyclesearch.com/michigan-directory

Materials Management Planning Committee

Tuscola County has partnered with Sanilac, Huron and Lapeer counties to form the Materials Management Planning Committee, or MMPC.

Any documentation relating to the MMPC will be posted at this page. Including but not limited to; public notices, meeting agendas, minutes, and related information.

[2025 MMPC Meeting Dates](#)

[2026 MMPC Meeting Dates](#)

[MMP for Public Comment](#)

Links:

-  Home
-  Events

Thank you!
Questions?



Public Comment Period Ends October 2, 2026

Email to:

mmpcomments@tuscolacounty.org

Or mail to:

Materials Management Planning Committee
125 W. Lincoln St, Suite 500
Caro, MI 48723

Mailed comments must be received by the
end of the public comment period.