



# MATERIALS MANAGEMENT PLANNING

## STATE FUNDING, COLLABORATION, & NEXT STEPS

October 20, 2023



ELISA SELTZER

SENIOR CONSULTANT  
RESOURCE RECYCLING SYSTEMS

[ESELTZER@RECYCLE.COM](mailto:ESELTZER@RECYCLE.COM)



A top-down photograph of a white ceramic plate resting on a light-colored wooden surface. The plate is covered with various food remnants, including small brown and tan particles, a larger piece of light-colored food, and some liquid stains. A dark teal rectangular box is overlaid on the bottom left of the plate, containing the text "WASTE NOTHING." in white, uppercase letters. A small red triangle is visible in the top left corner of the overall image.

WASTE NOTHING.





WASTE NOTHING.



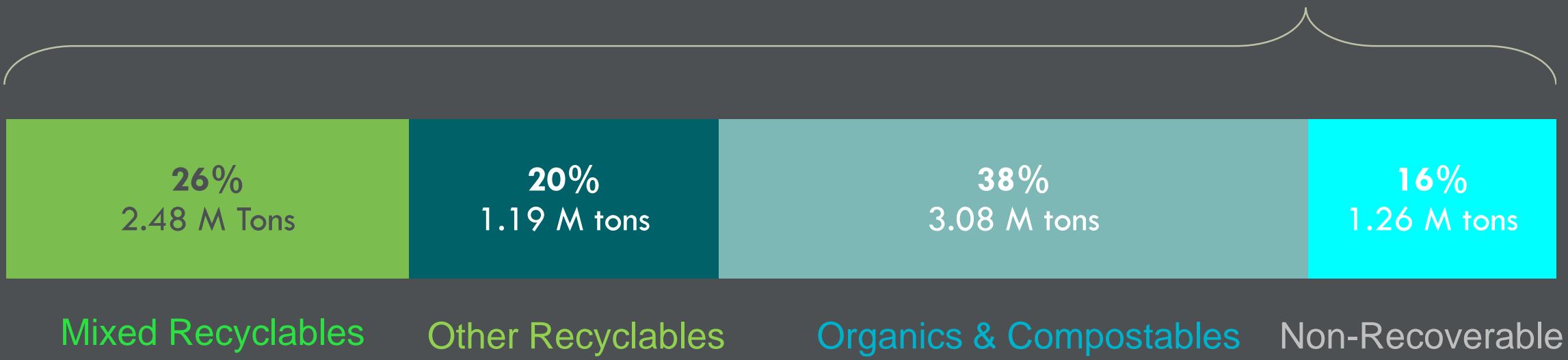


**MAKE IT,  
MEND IT, OR  
DO WITHOUT**



# TONS OF MSW DISPOSED IN MICHIGAN

Total 8.012 Million Tons



## MUNICIPAL SOLID WASTE DISPOSAL STREAM

2% GLASS



4% METAL



10% OTHER



14% PLASTIC



15% INORGANIC



21% PAPER



35% ORGANIC

What we  
throw away



SOURCE: Kent County, reimagetrash.org



# OPPORTUNITIES TO ADDRESS FOOD WASTE



New programs to collect food scraps



Composting sites to accept food waste for Local Processing



Processed compost able to be sold locally



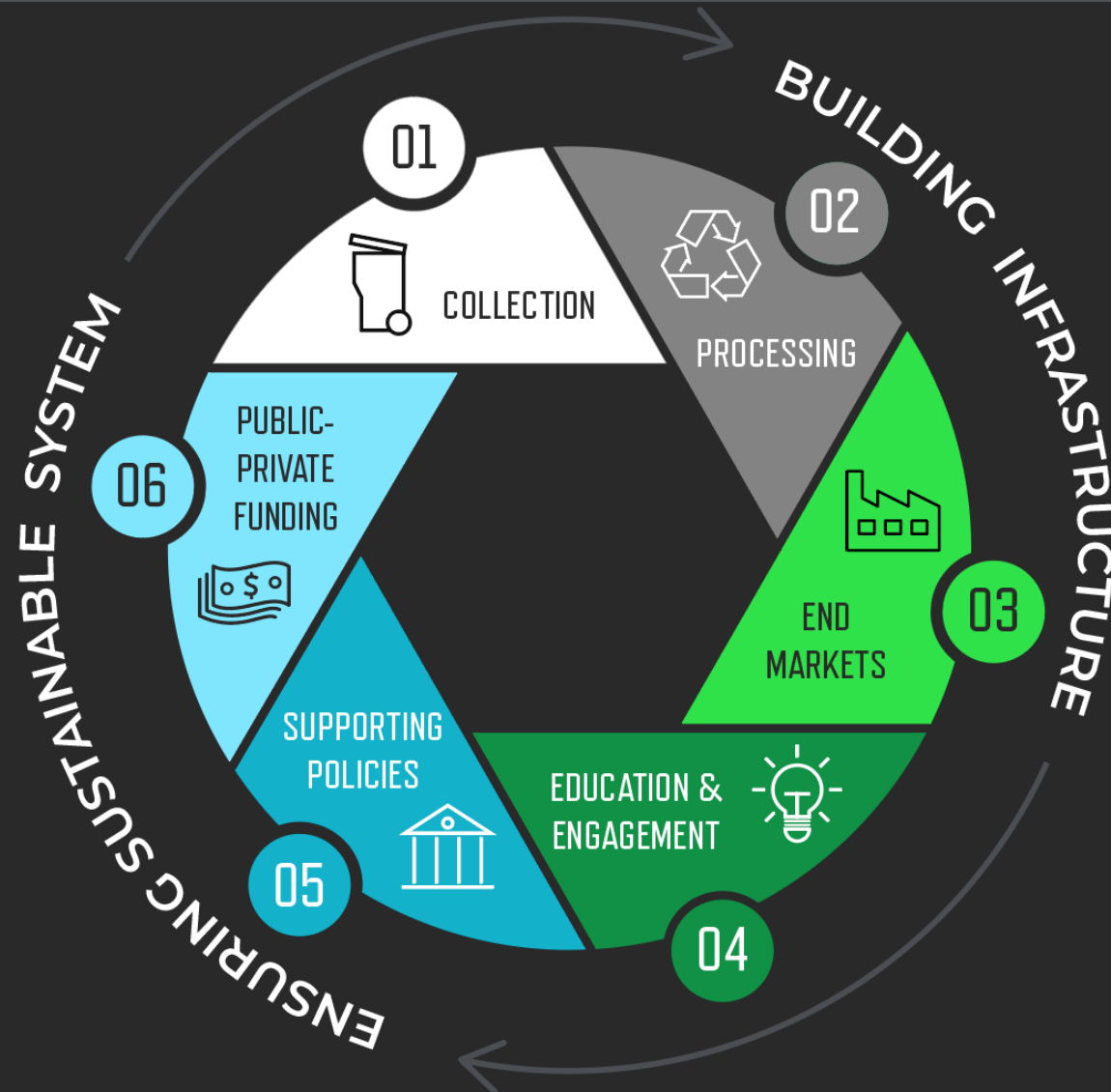
# REGIONAL COMPREHENSIVE DROP-OFF OPPORTUNITY



- Electronics
- Tires
- Mattresses
- HHW / Hazardous
- Recyclables / Household Chemicals
- Scrap Metal
- Batteries
- Large bulky plastics
- Film Plastics
- CFL's



# BEST PRACTICES FRAMEWORK TO ACHIEVE 45% RECOVERY





# VALUE OF MICHIGAN'S RECYCLING PATH FORWARD

6.8M

- tons of opportunity being wasted

2.7M

- Additional tons targeted to reach 45% goal

\$9B

- potential total annual labor income

\$33B

- potential economic output

# PART 115 & MANAGING MATERIALS IN MICHIGAN



County Materials Management Planning:  
**COMING SOON!**



6 Months to Submit Intent to Plan



Up to 3-year planning process, then start implementing



# THE PLAN WILL

01

**INVENTORY** all facilities and establish a recycling rate

02

**ESTABLISH** materials management goals, including for organics and address plan for meeting benchmark standards

03

**ENSURE** any needed facilities can be sited and developed

04

**DEVELOP** an implementation strategy to achieve goals. Additional funding available when progress towards goals documented.

05

**CONSIDER** supporting policies and public private partnerships

# BENCHMARK RECYCLING STANDARDS

- Curbside recycling in communities over 5,000 by 2026
- Convenient drop-offs for rural and urban counties by 2032
- Counties under 100,000: at least 1 drop-off for every 10,000 residents





# 5 YEAR CYCLE OF COUNTY PLANNING & FUNDING

Year 1

Year 2

Year 3

Year 4

Year 5

\$60,000 per county  
\$.50 per capita to  
\$300,000

\$60,000 per county  
\$.50 per capita to  
\$300,000

\$60,000 per county  
\$.50 per capita to  
\$300,000

\$60,000 per county

\$60,000 per county

## MULTI COUNTY PLANS?

Additional \$10,000 per year per county



# BENEFITS OF COLLABORATION

- What works for your county and residents
- Comprehensive programs more attainable
- Consistent messaging across communities
- Benefit from economies of scale
- Improved funding landscape





---

Managing change  
in a resource-  
constrained world.



ORGANICS  
MANAGEMENT



WASTE  
RECOVERY



GLOBAL CORPORATE  
SUSTAINABILITY

since 1986





ELISA SELTZER

SENIOR CONSULTANT

[ESELTZER@RECYCLE.COM](mailto:ESELTZER@RECYCLE.COM)