



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Recycling Program Update

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# EGLE Recycling Program

- Increase **Access** to and **Participation** in recycling opportunities
- Inform residents and businesses on **How, Where, and Why to Recycle**
- Taking an **Equitable and Inclusive** approach to expanding recycling in diverse communities.
- **Training** the recycling professionals of tomorrow
- Improve the **Quality** of recycled materials
- Grow **Markets** for recycled materials
- Expand recycling **Infrastructure** (to grow Michigan's supply chain)
- Form **Partnerships** to finance recycling activities
- Recycling as a Climate Solution to **Decarbonization**

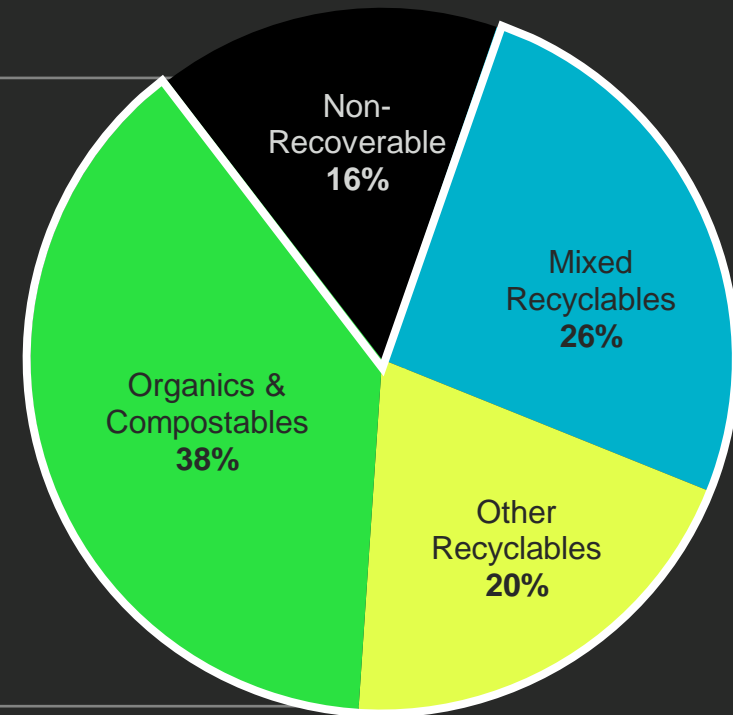
# MICHIGAN MUNICIPAL SOLID WASTE COMPOSITION

**8.83** million tons of municipal solid waste (MSW) disposed in 2018, **84%** is recoverable

**MIXED RECYCLABLES** - paper, glass and plastic bottles and jars, plastic tubs and containers, and metal cans

**OTHER RECYCLABLES** - textiles, appliances, scrap metal, electronics, bulky plastics, and plastics films

**ORGANICS & COMPOSTABLES** - yard and food waste as well as compostable paper and compostable food service packaging

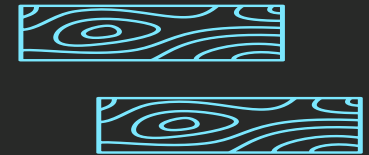


# END MARKETS

Building end  
market demand  
is key to  
reaching **45%**  
**recovery.**

## FEEDSTOCK

## NEW PRODUCT





NEXTCYCLE  
MICHIGAN



6 Innovation  
Challenges



Data & Mentoring  
Resources



Public-private  
Partnerships



Public & Private  
Funding



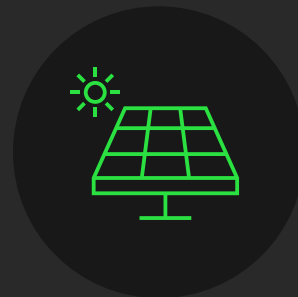
Economic  
Advantages



Equitable  
Impact



Circular Economy  
Creation



Climate Change  
Reduction

# SUPPORT AND ACCELERATE YOUR INITIATIVES



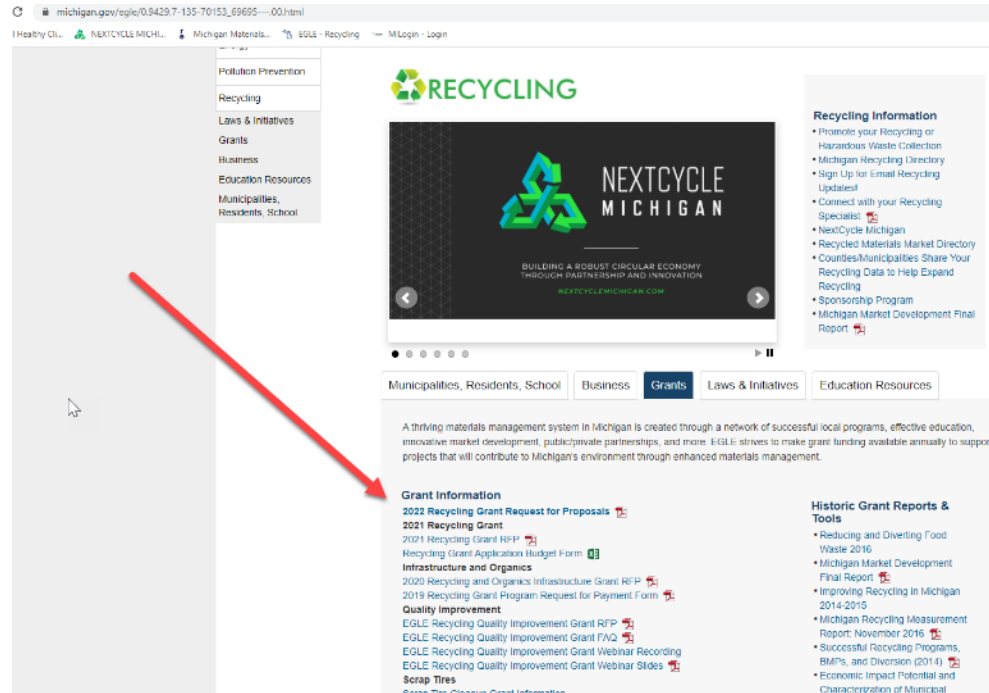
NEXTCYCLE  
MICHIGAN

Funding sources  
and grant  
opportunities

Partnership  
opportunities

Tools and  
resources

# Recycling Infrastructure and Market Development Grants



[https://webportalapp.com/sp/login/egle\\_recycling\\_grant\\_program](https://webportalapp.com/sp/login/egle_recycling_grant_program)



# Alliance with the Recycling Partnership

- “Feet on the Street”
- New: Drop-off Social Media Kit
  - Free download at: [bit.ly/dropoff-socialkit](https://bit.ly/dropoff-socialkit)
  - Check out Volume 3 social media kit at: [recyclingpartnership.org/social-media/](https://recyclingpartnership.org/social-media/)
- 2021: 2<sup>nd</sup> round of EGLE-TRP grants
- Promote future success via news media with existing, and new partners



# Education Grants

- Michigan Small Community Education Grant Program
- Partnership with The Recycling Partnership
- Goal: educate households on what, how, and where to recycle
- Eligibility:
  - nonprofit organization, tribal government, regional planning agency, city, village, township, charter township, county, municipal solid waste authority, or a resource recovery authority;
  - located in Michigan serving fewer than 10,000 households; and
  - have a curbside and/or drop-off recycling program

# Know It Before You Throw It

- “National Campaign of the Year” – Waste Dive Magazine
- Strong focus on educating households during COVID
- Build on existing EGLE partnerships
- Develop new KIBYTI partnerships



<https://RecyclingRacoons.org>



# Hyperlocal Examples

- SOCRRA, RRRASOC, City of Lansing, City of Bay City, City of Grant Rapids, Marquette County and Emmet County



# 2020-2021 FILM PLASTICS

## BOAT SHRINK WRAP:

From marinas, boaters, and boat storage businesses.

Clean compactable LDPE and polyethylene.

## AGRICULTURAL PLASTIC:

From Farms, Greenhouses,  
Cooperatives

Greenhouse Covers – clean,  
large and bulky, LDPE

Mixed Agriculture Plastics

(Dirty, various bulk, HDPE and  
LDPE)

## Varieties Include:

- Grain Bags
- Bunker Silo Covers
- Mulch Film
- Silage Bags
- Drip Tape
- Bale Wrap
- Pallet Wrap
- Bin Liners



# Recycling Professional Training

- Developed in cooperation with:
  - EGLE, MSU Extension, Iris Waste Diversion Specialists, MRC
- Target Audience
  - Those seeking to become more informed on recycling
- 13 modules focusing on objectives such as:
  - Program design, Materials management planning, Metrics, Education, Organics, Quality improvement, Marketing, Funding
- Format:
  - Virtual, Desire to Learn (MSUE), In-Person
- Participation in regional and statewide networks

# Resources

- Recycling 101
- Why Does Recycling Cost Money?
- Why Recycling Matters for Your Community
- Guide: Operational and Funding Options for Municipal Recycling
- Guide: Use of Special Assessments to Fund Recycling Services
- Guide to Starting an Office Recycling Program
- Guide to Starting a School Recycling Program



Available at [www.michigan.gov/mirecycles](http://www.michigan.gov/mirecycles)

# Thank You!

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