

# Energy Waste Reduction Low Income Workgroup



April 4, 2024



# Agenda

Welcome

Brad Banks,  
Energy Waste Reduction Section, MPSC

Michigan Home Energy Rebate Program

Julie Staveland,  
Assistant Division Director  
Materials Management Division  
Michigan Department of Environment, Great Lakes, and Energy

Mapping Energy Justice Considerations and Community Needs

Michael Reiner  
Analyst & Policy Advisor  
Office of Energy Justice and Equity  
United States Department of Energy.

Close & Adjourn

Brad Banks,  
Energy Waste Reduction Section, MPSC



*Home Energy Rebates*



# Michigan Home Energy Rebate Programs Overview

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Julie Staveland, Assistant Division Director, Materials Management Division

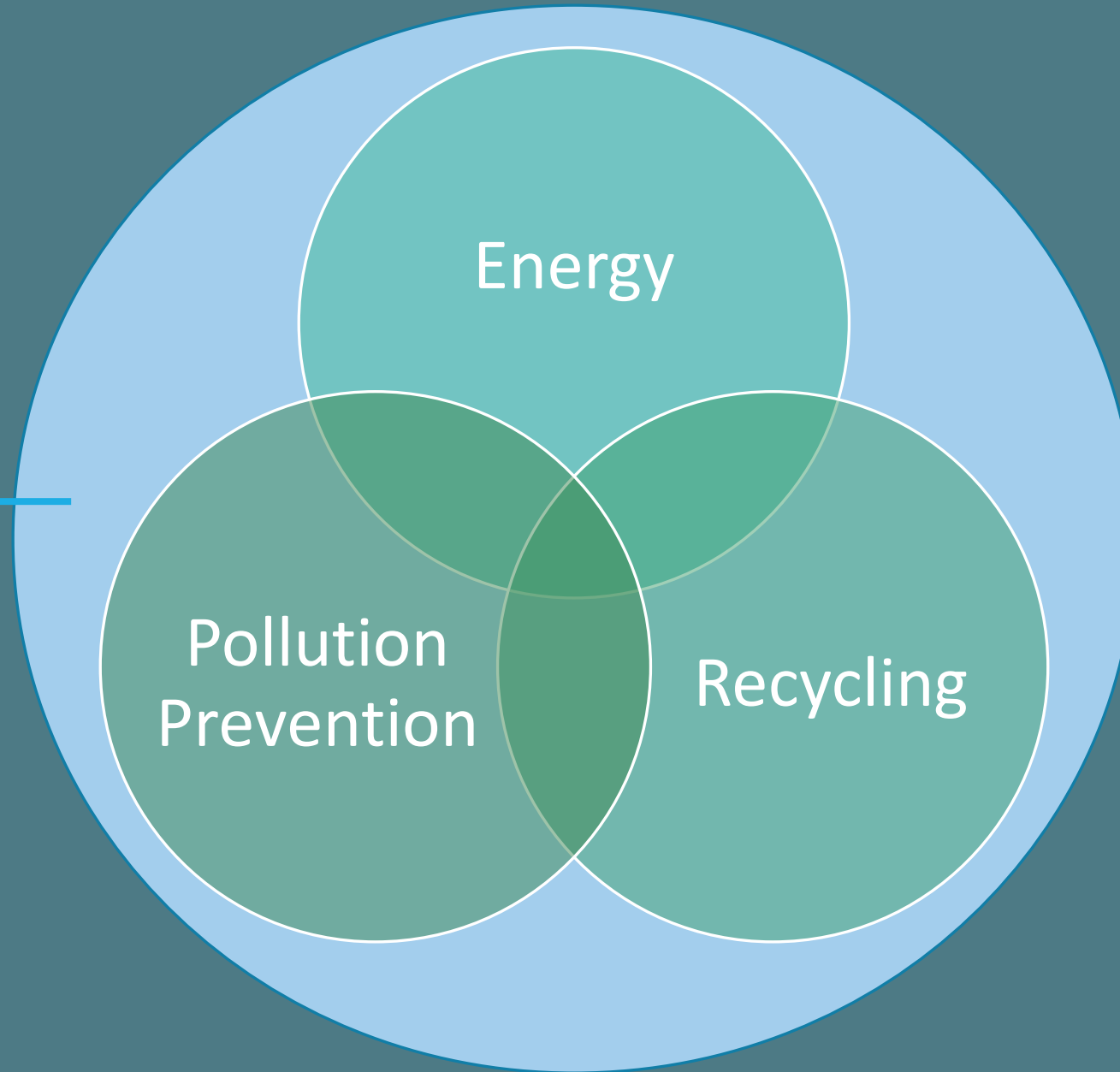
[StavelandJ@michigan.gov](mailto:StavelandJ@michigan.gov)

517-420-8544



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

## MI Healthy Climate Plan



Online Resources:

[www.Michigan.gov/energy](http://www.Michigan.gov/energy)

[www.Michigan.gov/mirecycles](http://www.Michigan.gov/mirecycles)

[www.Michigan.gov/p2](http://www.Michigan.gov/p2)

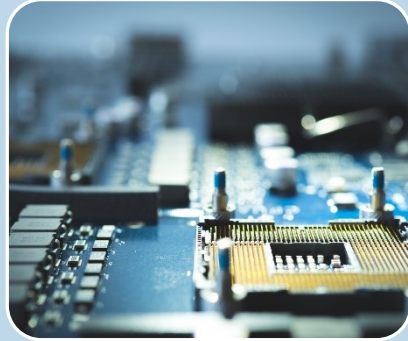
[www.Michigan.gov/climate](http://www.Michigan.gov/climate)

# PROGRAMS



## Communities

Community Energy Mgmt  
Catalyst Communities  
Catalyst Leadership Circle  
Michigan Green Communities  
Energy Planning & Policy  
Renewable Ready Communities  
Zero Food Waste Pilot  
Recycling Quality Improvement  
Pt. 115 Planning TA



## Industry

Ag & Rural Businesses  
Sm. Manufacturer Retooling  
Sustainability Implementation  
Food Waste Reduction  
C3 Accelerator  
NextCycle Michigan  
Recycling Circular Economy  
Reverse Vending  
Organics



## Access

CELICA IV  
MI Solar Access  
Grid Resiliency  
Renewable Energy Academy  
Recycling Infrastructure  
Energy Efficiency Loans  
Pollution Prevention Loans



## Mobility

Charge Up Michigan  
Lake MI Circuit  
Diesel Emission Reduction  
Fuel Transformation  
Fleet Electrification



## Workforce

Sponsorship  
Codes Compliance  
RESTART  
Clean Energy Workforce  
Recycler Training  
Energy Auditor  
Residential Contractor  
Critical Minerals

# EGLE MMD IJA & IRA STIMULUS FUNDING

\* Partnering with other State agencies \*\*competitive not formula

## INFRASTRUCTURE INVESTMENT & JOBS ACT (IIJA)

- State Energy Program Supplemental
- Energy Efficiency Revolving Loan Fund
- Energy Efficiency & Conservation Block Grant
- Grid Resiliency 40101d
- Resilient & Efficient Codes Implementation\*
- Energy Auditor Training
- Solid Waste Infrastructure for Recycling
- National Electric Vehicle Infrastructure\*

### State Supplemental Funding FY24

- Renewable Ready Communities
- Critical Minerals Recycling
- Reverse Vending
- Sustainable Business Park & Benton Harbor

## INFLATION REDUCTION ACT (IRA)

- Climate Pollution Reduction\*
- Greenhouse Gas Reduction Fund\*
- High Efficiency Electric Home Rebates
- Home Energy Performance and Whole House Rebates
- Rural Energy for America Program - Technical Assistance Grant\*\*
- Training for Residential Energy Contractors
- Technical Assistance for the Adoption of Building Energy Codes
- Clean Heavy-Duty Vehicle Program
- Renewables Siting through Technical Engagement and Planning (R-STEP)\*\*



# Michigan Home Energy Rebates

## MI HER Program

[www.Michigan.gov/Energy](http://www.Michigan.gov/Energy)

→ Funding Opportunities

→ Home Energy Rebates

Sign up for updates:

[https://www.surveymonkey.com/r/MI\\_HOMESnotification](https://www.surveymonkey.com/r/MI_HOMESnotification)

- **Section 50121 – Home Efficiency Rebates**

Michigan's formula allocation: \$105,904,990

- Homeowners for whole-house energy saving retrofits
- Modeled or Measured Energy Savings Pathway

### LOW-INCOME HOUSING\*

- Projects with energy savings between 20% and 35%:
  - ✓ **80%** of costs up to **\$4,000** per home or housing unit
- Projects with energy savings greater than 35%:
  - ✓ **80%** of costs up to **\$8,000** per home or housing unit

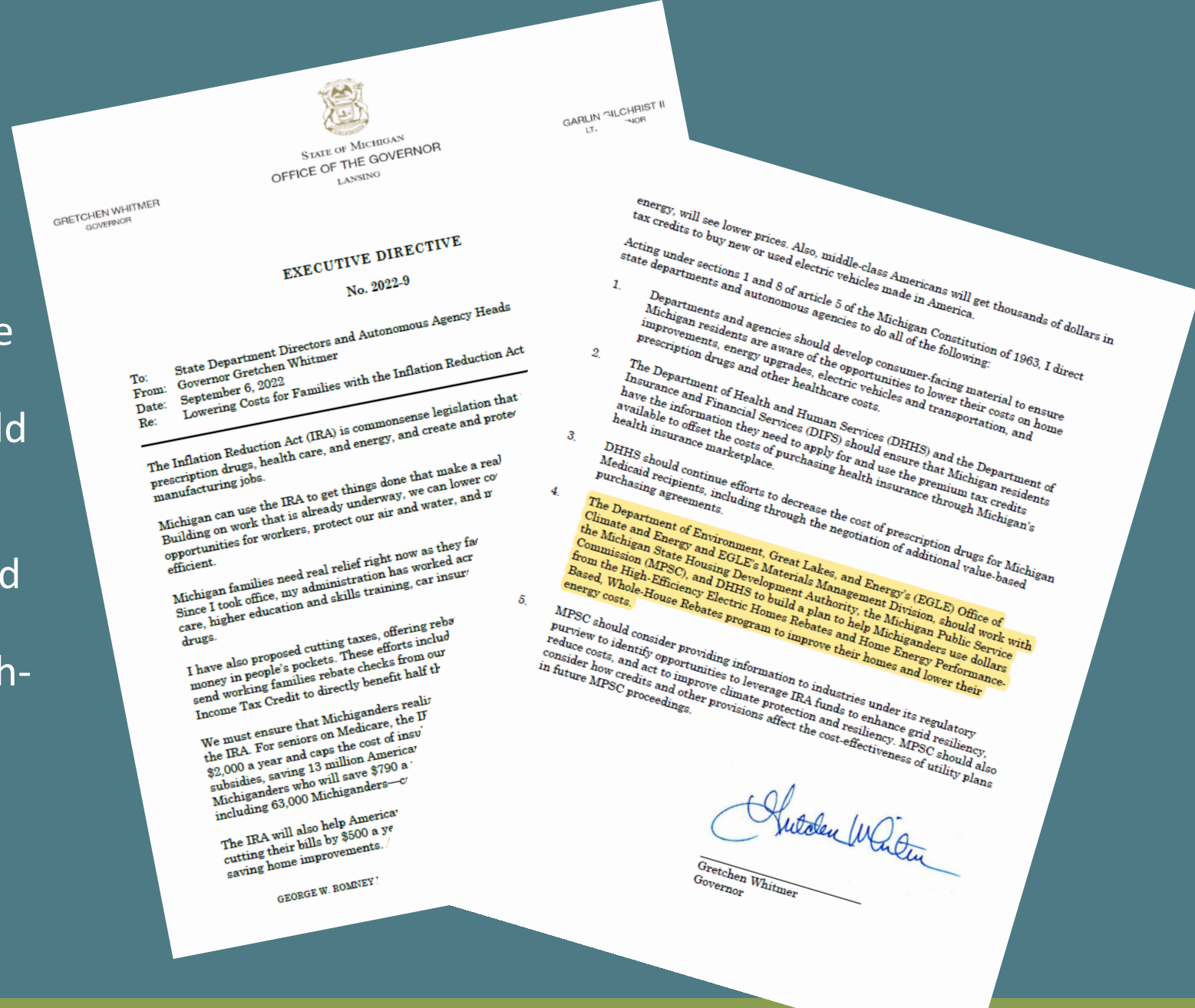
- **Section 50122 – Home Electrification and Appliance Rebates**

Michigan's formula allocation: \$105,291,160

- Low to moderate income households
  - <80% area median income = 100% covered
  - 80-150% area median income = 50% covered
- Max Consumer Rebate - \$14,000
- Max Contractor Rebate - \$500
- Rebates for qualified Electrification projects:
  - Heat pump HVAC - \$8,000
  - Heat pump water heater - \$1,750
  - Electric stove/cooktop - \$840
  - Heat pump clothes dryer - \$840
  - Breaker box - \$4,000
  - Electric wiring - \$2,500
  - Weatherization - \$1,600

# ED 2022-09

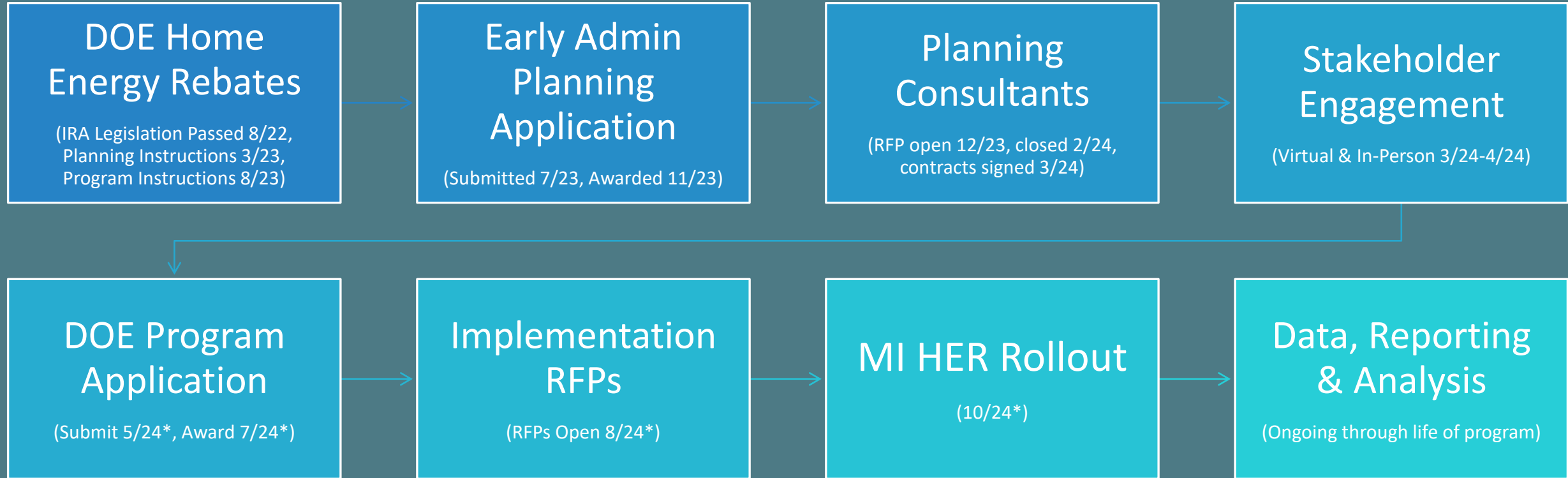
“The Department of Environment, Great Lakes, and Energy’s (EGLE) Office of Climate and Energy and EGLE’s Materials Management Division, should work with the Michigan State Housing Development Authority, the Michigan Public Service Commission (MPSC), and DHHS to build a plan to help Michiganders use dollars from the High-Efficiency Electric Homes Rebates and Home Energy Performance-Based, Whole-House Rebates program to improve their homes and lower their energy costs.”





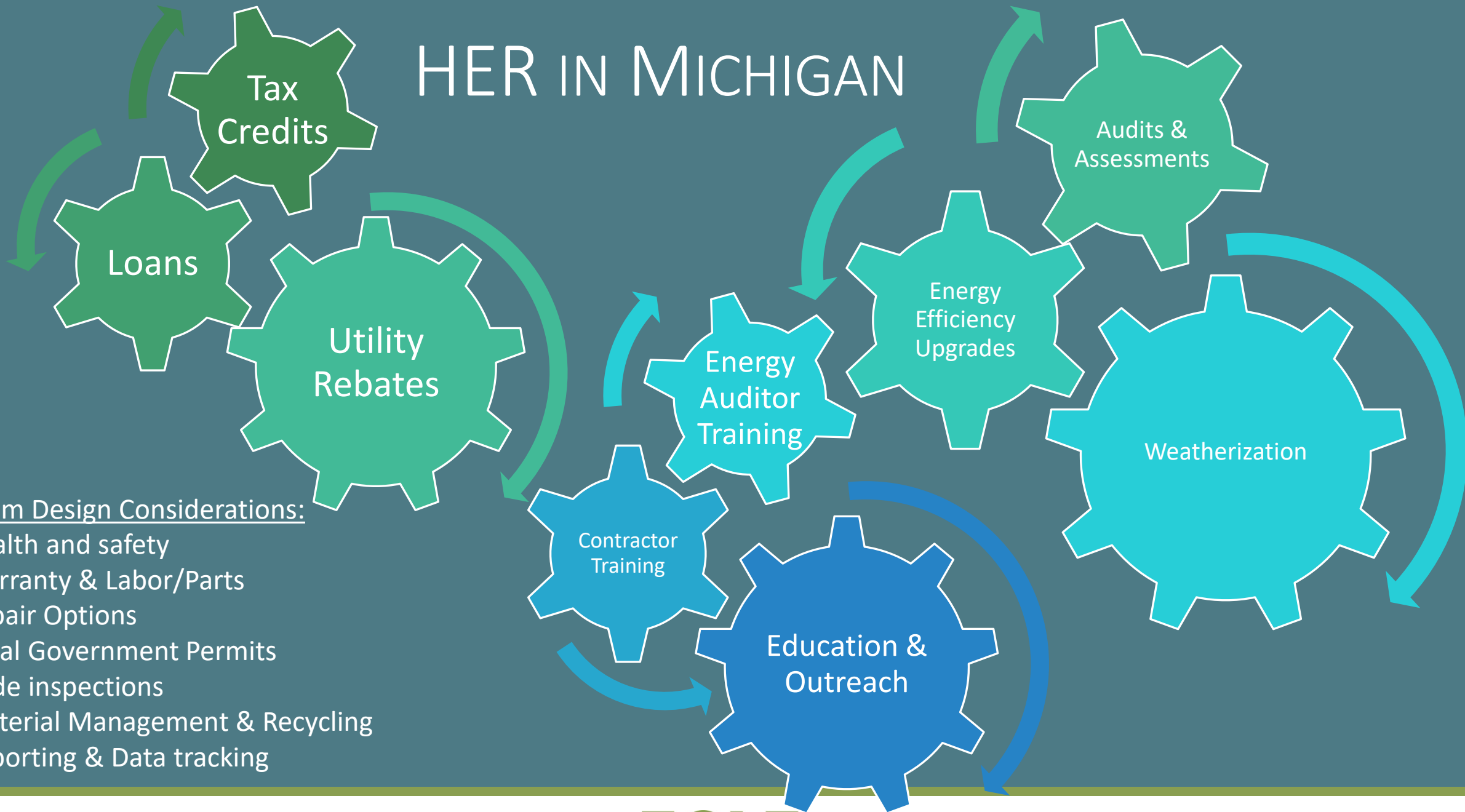
# MICHIGAN HER PROGRAM TIMEFRAME

We are here!



\* tentative, earlier if possible

# HER IN MICHIGAN



## Program Design Considerations:

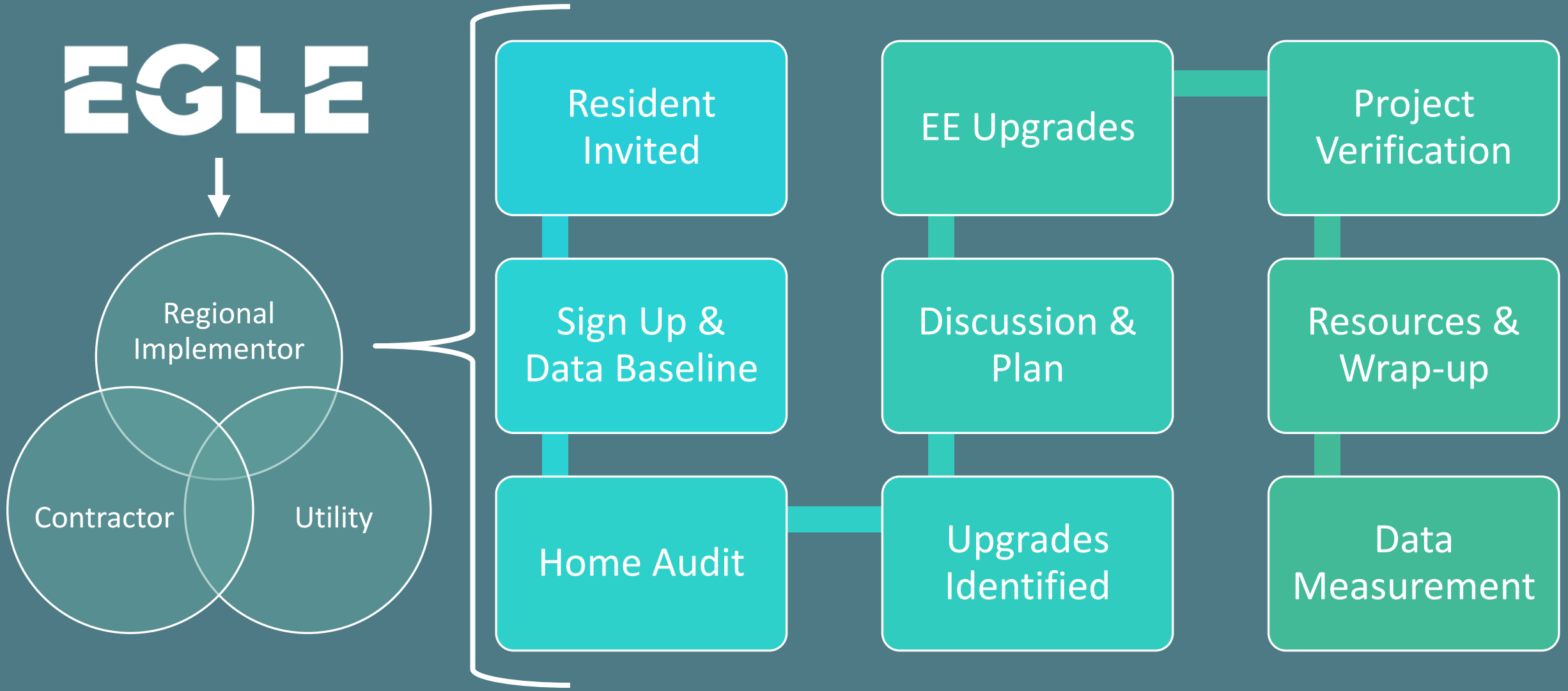
- Health and safety
- Warranty & Labor/Parts
- Repair Options
- Local Government Permits
- Code inspections
- Material Management & Recycling
- Reporting & Data tracking

# KEY HER PROGRAM GOALS

- Don't recreate the wheel
- Don't duplicate efforts
- Streamlined & easy for residents to navigate
- Integrated with existing programs
- Training, communication, and partnerships
- Focus on highest need first



# MI HER PROGRAM IMPLEMENTATION PLAN



# Target Audience

Disadvantaged Communities:  
<https://screeningtool.geoplatform.gov/en/>

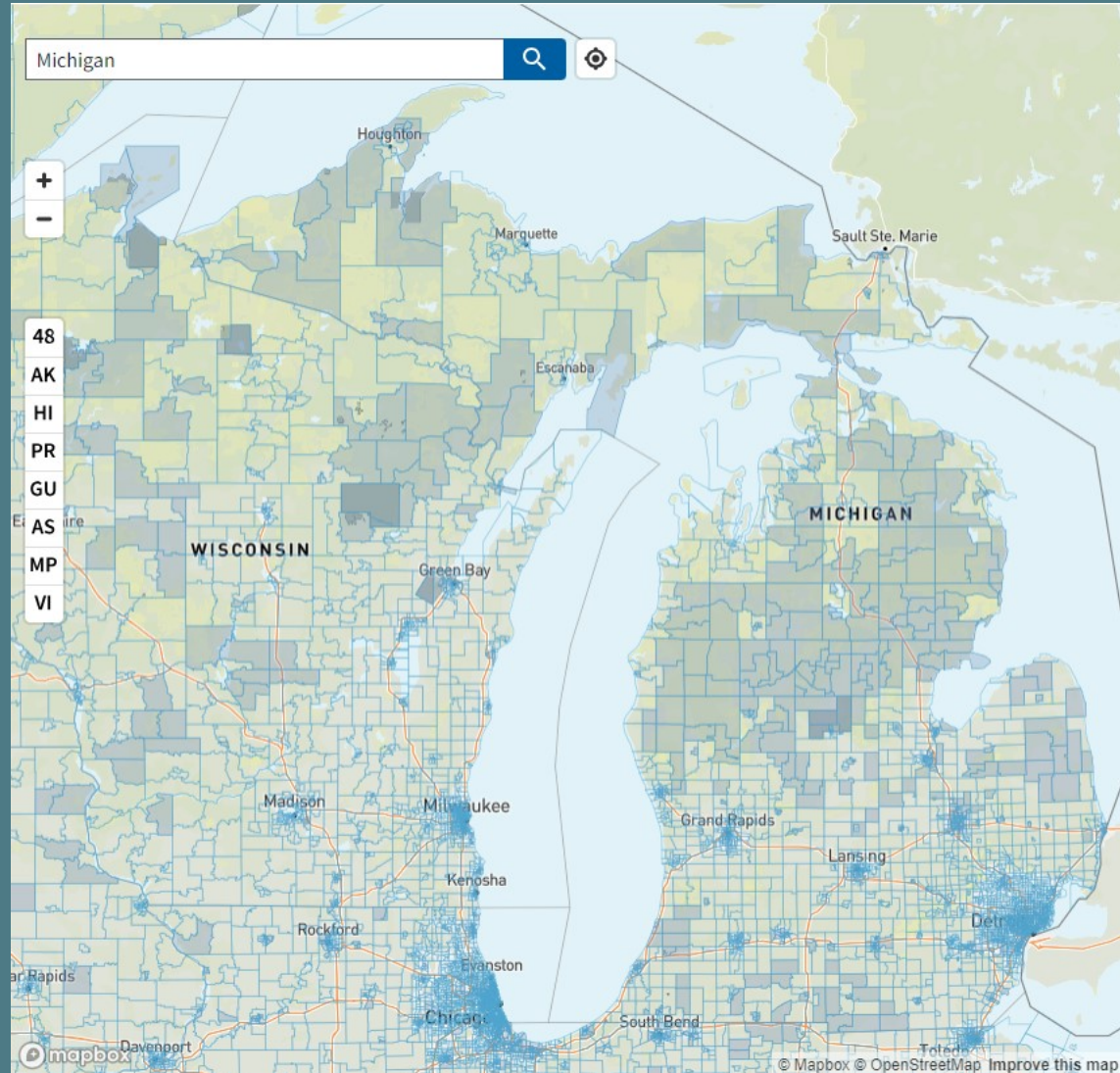
Low-Income Residents



Homes built prior to 1980


Single & Multi-Family Homes


Need heating and cooling upgrades




Need insulation or air sealing upgrades




The tool uses census tracts . Census tracts are a small unit of geography. They generally have populations  of between 1,200 - 8,000 people.

Communities that are disadvantaged live in tracts that experience burdens. These tracts are highlighted  on the map.

The tool ranks most of the burdens using percentiles . Percentiles show how much burden each tract experiences when compared to other tracts.

Thresholds , or cutoffs, are used to determine if communities in a tract are disadvantaged. Certain burdens use percentages  or a simple yes/no .

Land within the boundaries of Federally Recognized Tribes and point locations for Alaska Native Villages are highlighted  on the map. These communities are also considered disadvantaged.



Implementors:

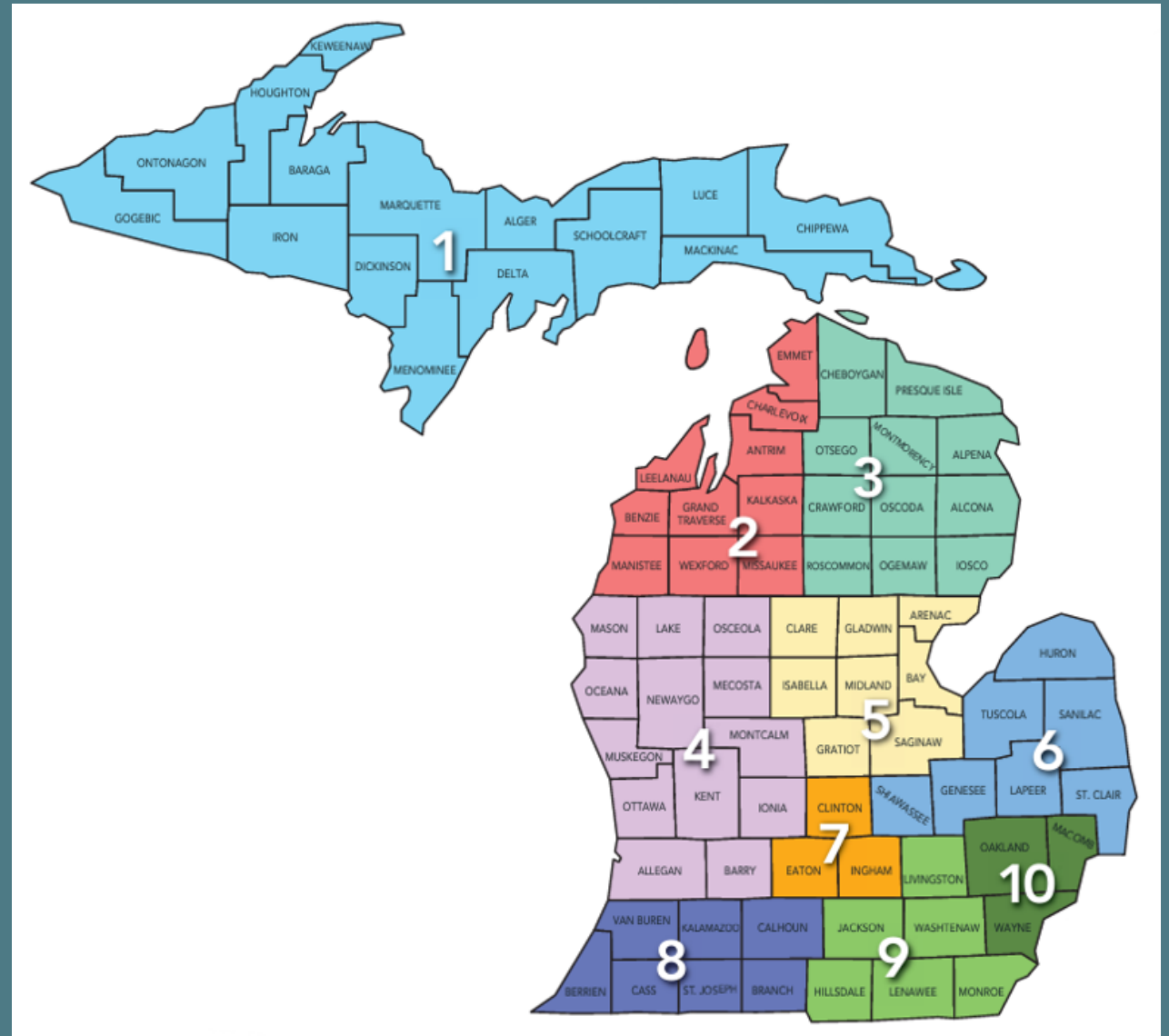
Regional

Outreach

Concierge Service

Braid Funding

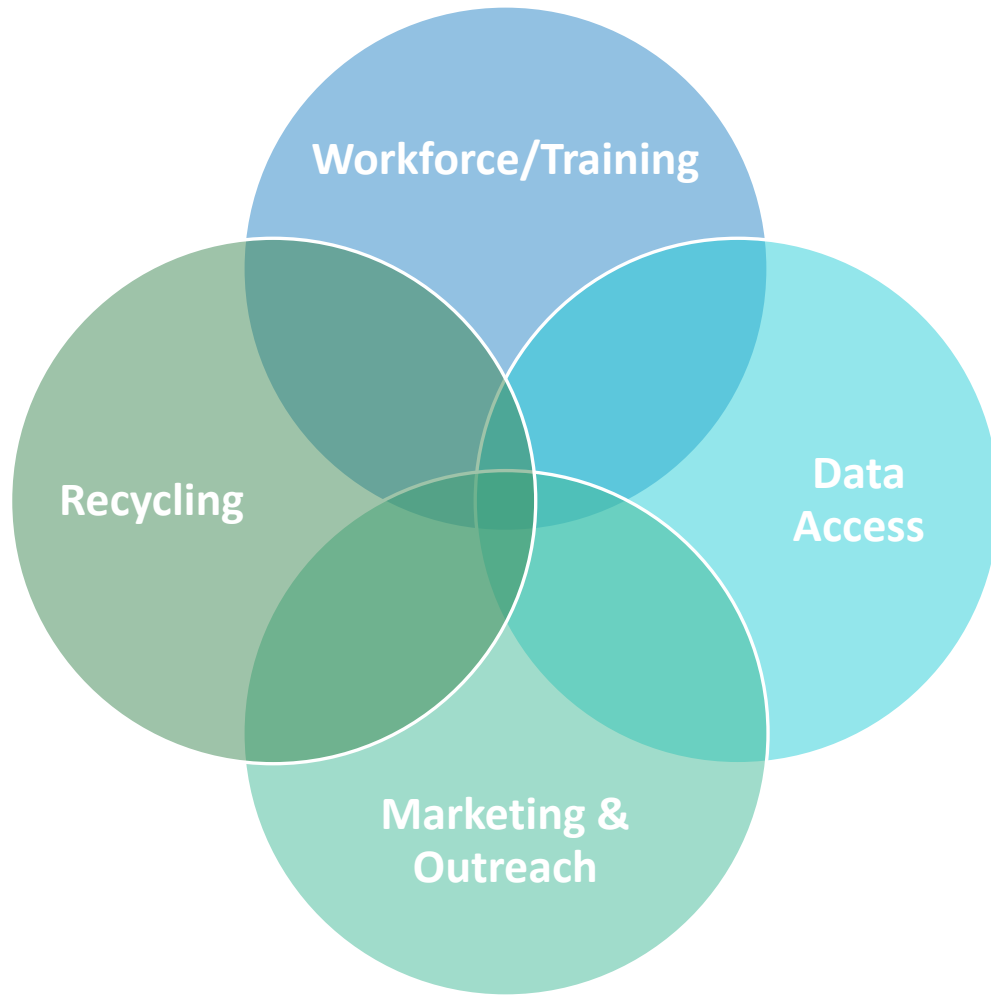
Project Verification



Contractors:  
Certified Provider  
Home Assessment  
Match Rebates to the  
Home  
Warranties  
Recycle Material



# CONNECTIONS & NEXT STEPS



- April 4, 1:30 p.m. – 3:30 p.m., Grand Rapids
- April 9, 1:30 p.m. – 3:30 p.m., Detroit
- April 11, 1:30 p.m. – 3:30 p.m., Flint
- April 16, 1:30 p.m. – 3:30 p.m., Marquette
- April 22, 1:30 p.m. – 3:30 p.m., Roscommon
- April 24, 10:30 a.m. – 12:00 p.m., Closing Listening Session
- Email comments to:  
EGLE-MMD-HER@michigan.gov

[Register for In-Person Session](#)

[Register for Virtual Session](#)

# QUESTIONS & DISCUSSION



**CATALYST**  
**C****MMUNITIES**

*Home Energy Rebates*

**EGLE**

[www.Michigan.gov/Energy](http://www.Michigan.gov/Energy)  
[EGLE-MMD-HER@Michigan.gov](mailto:EGLE-MMD-HER@Michigan.gov)

800-662-9278 | [www.Michigan.gov/EGLE](http://www.Michigan.gov/EGLE)



# Close & Adjourn

Thank You!