

February 24, 2026

# *COUNCIL ON CLIMATE SOLUTIONS*

**EGLE**

# Agenda

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1:00 pm – Welcome, Attendance, Business

1:15 pm – Office of Climate and Energy Update

1:45 pm – Materials Management Division Update

2:15 pm – Michigan's Industrial Decarbonization Strategy

2:45 pm – Next Steps and Discussion

3:00 pm – Adjourn

# Office of Climate and Energy Updates and MI Healthy Climate Plan Progress

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OFFICE OF CLIMATE AND ENERGY



# Overview

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Annual Report Highlights

Office of Climate and Energy (OCE) Plans for 2026

Executive Budget Recommendation

MI Healthy Climate Challenge Updates

# Annual Report Highlights

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# 2025 MI Healthy Climate Plan Annual Report Highlights

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Statewide growth in renewable energy deployment, electric vehicle (EV) registrations, EV charging infrastructure

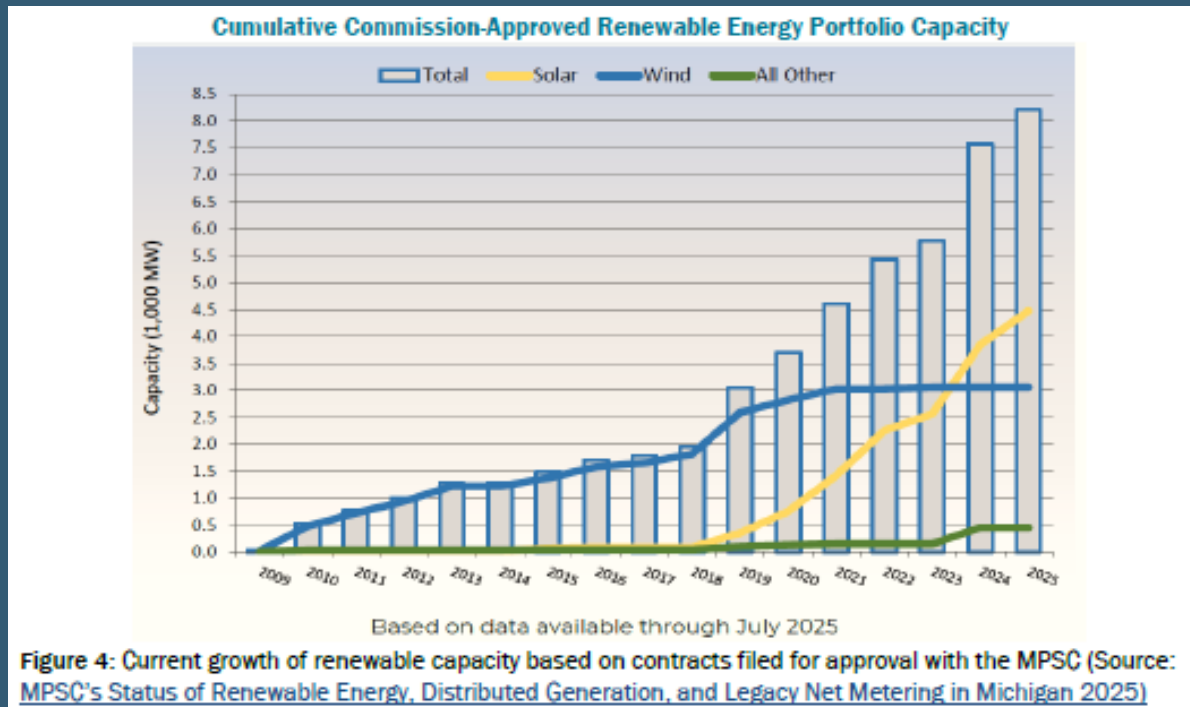
## OCE Accomplishments

- 2021 greenhouse gas (GHG) inventory and Comprehensive Climate Action Plan finalized
- Continued key climate programs and launched new grants

EGLE Climate Liaisons and State of Michigan Initiatives



# Renewable Energy Deployment



Electric utilities regulated by the Michigan Public Service Commission (MPSC) had installed more than **7,500 megawatt (MW) of renewable capacity** at the end of 2024 and more than **8,300 MW** expected by the end of 2025, based on approved contracts.

- Utilities added 1,698 MW of renewable energy in 2024, an increase of **28.9%** from 2023 (5,882 MW).

Source: MPSC “Status of Renewable Energy, Distributed Generation, and Legacy Net Metering”, 2025

# EV Registrations and Charging Growth

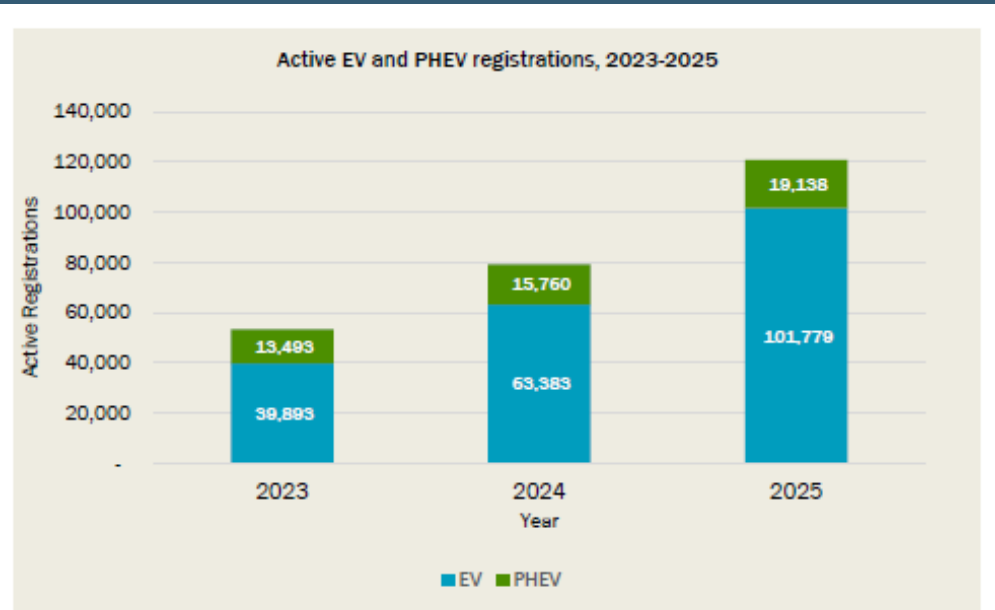


Figure 6: Number of Electric and Plug-In Hybrid Electric Vehicles on the road in Michigan  
Source: Michigan Department of State

EV and Plug-in Hybrid EV (PHEV) increased 126% from 2023 (120,917 in 2025; 53,386 in 2023)

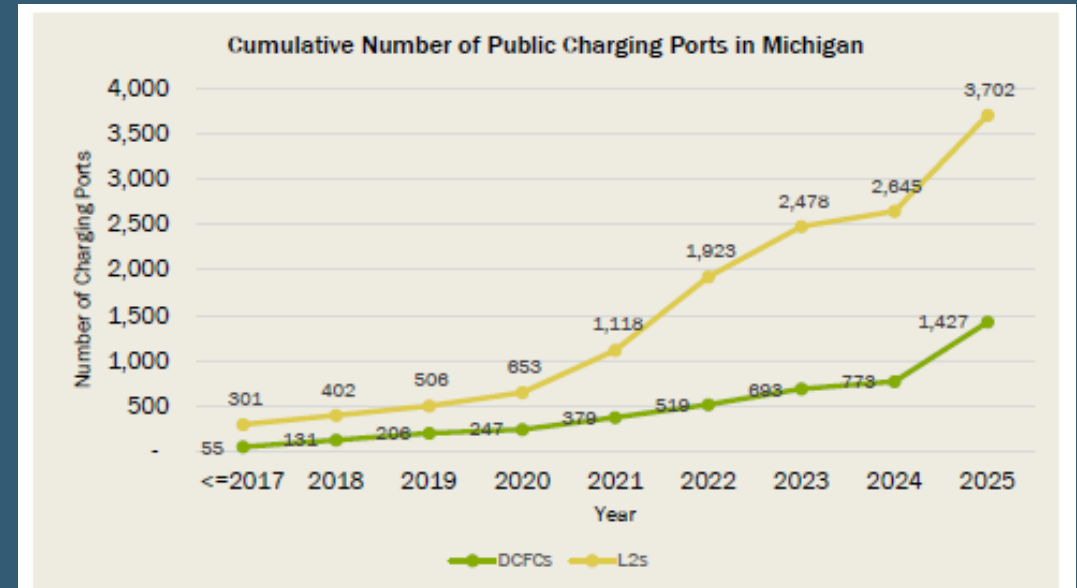


Figure 7: Cumulative Number of Public Charging Ports in Michigan  
Source: Alternative Fuels Data Center and EGLE, Materials Management Division

Direct current fast chargers (DCFC) increased 84% from 2024  
Public Level 2 charging ports increased 40% from 2024

# EGLE Climate Liaisons

## Air Quality Division

- Developed Standard Operating Procedures for monitoring and detecting leaks at marginal oil and gas wells.
- Continued work to inspect and identify fugitive methane leaks at landfills using handheld monitors and staff expertise to reduce methane emissions.

## Materials Management Division

- Operated many grants and technical assistance opportunities related to recycling, composting, and clean energy.
- Launched the MI Home Energy Rebate (MiHER) program.

## Geologic Resources Management Division

- Continued mitigation of methane emissions through plugging of orphan oil and gas wells.



# EGLE Climate Liaisons

## **Drinking Water and Environmental Health Division**

- Worked to incorporate climate considerations into curriculum at drinking water plants.

## **Finance Division**

- Supported Michigan Justice40 programs and initiatives.

## **Information Management Division**

- Developed the Renewables Ready Communities Award Summary Dashboard to visualize and map awarded municipalities, the eligible renewable energy projects, and intended use of their award.

## **Office of the Clean Water Public Advocate**

- Hosted “Fix a Leak Week” in March.

## **Office of the Environmental Justice Public Advocate**

- Launched a \$20 million Environmental Justice Impact Grant program, led the Community Resiliency Planning Pilot in southwest Detroit/48217.

## **Office of Legislative Affairs**

- Supported clean energy and climate related policy analysis at EGLE.

## **Office of the Great Lakes**

- In partnership with the University of Michigan, drafted a maritime strategy that encompasses decarbonization.

## **Remediation and Redevelopment Division**

- Partnered with the United States Environmental Protection Agency’s Technical Assistance to Brownfields, RMI, and the University of Michigan to develop recommendations to design and implement a renewable energy pilot program on brownfield sites.

## **Water Resources Division**

- Incorporated public comment into the Infrastructure Resilience Plan.

## **Environmental Support Division**

- Led planning and coordination for the MI Healthy Climate Conference.
- Developed a MI Green School Guide and launched the MI Climate Education Hub.

# 2025 MI Healthy Climate Plan Annual Report

## Statewide Sector-Specific Updates

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### **Commit to Environmental Justice and Pursue a Just Transition**

- Department of Labor and Economic Opportunity (LEO): Published [Michigan Statewide Infrastructure Workforce Plan](#) framework to meet Michigan's critical infrastructure needs.

### **Clean the Electric Grid**

- MPSC: Awarded nearly \$5 million in grants for renewable energy and electrification projects to local, state, and Tribal governments, businesses, and nonprofit organizations.

### **Electrify Vehicles and Increase Public Transit**

- Department of Education: \$125 million investment from the Clean Bus Energy Grant program added 87 electric school buses.

### **Repair and Decarbonize Homes and Businesses**

- Department of Health and Human Services: [Weatherization Assistance Program](#) weatherized 2,553 homes.

### **Drive Clean Innovation in Industry**

- LEO: Economic Transition Office announced the Michigan Supplier Conversion Grant Program, to help small- and medium-sized automotive manufacturers retool their facilities to enter electric vehicle supply chains.

### **Natural and Working Lands**

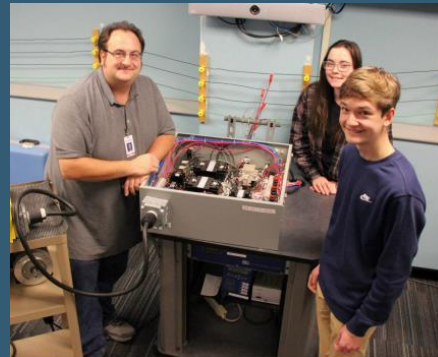
- Department of Agriculture and Rural Development: [Regenerative Agriculture Program](#) released a strategic plan that emphasizes a regenerative approach to agriculture, resulting in greater farmer prosperity.
- Department of Natural Resources (DNR): DNR with MassTimber@MSU, the Michigan Green Building Collaborative, and WoodWorks launched the Michigan Mass Timber Catalyst Program.

# Climate Impact Stories: MPSC's Renewable Energy and Electrification Infrastructure Enhancement and Development Grant (RE-EIED)

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\$20 million was granted to 19 awardees including businesses, local and Tribal governments, and nonprofit organizations.

Projects include rooftop, carport, and ground-mounted solar, EV charging stations, battery storage, energy resiliency infrastructure, etc.



Electrical systems technology instructor Wesley Repke with Alpena Community College students. Credit: Alpena Community College  
By DANIEL SCHOENHERR



*"It is the primary responsibility of government and of society to protect and keep safe our children... This grant will provide the [Boys and Girls Club of Grand Rapids] the opportunity to install an electrification infrastructure and a microgrid to protect hundreds of children in Grand Rapids' Disadvantaged Communities."*

- Patrick Placzkowski, CEO of the Boys and Girls Club

# Climate Impact Stories: Elective Pay Free Accounting Services

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Free accounting services for Elective Pay filers in Michigan to help them claim federal tax credits

- By filing tax returns and claiming these credits, entities such as local governments, nonprofits, public schools, and houses of worship are able to obtain a reimbursement for solar, geothermal, energy storage, EV chargers, and EV purchases.

25 recipients that have invested in \$28.9 million worth of clean energy projects, are anticipating \$6+million back in reimbursements.

"The total solar project...was just under \$81,000 and we were able to -- with the help of the MIO TAC -- get a rebate of \$26,884." - Lisa Howard, Munising Township Supervisor.



Video: <https://youtu.be/-NFleP7D0V0>

# Climate Impact Stories: Elective Pay Ambassador Program (EPAP)

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The EPAP installed local Elective Pay experts across the state to help tax-exempt entities obtain federal tax credits.

- By assisting entities in claiming these credits, entities such as local governments, nonprofits, public schools, and houses of worship are able to obtain a reimbursement for solar, geothermal, energy storage, EV chargers, and EV purchases.

The 10 Ambassadors have identified 47 new eligible projects to assist in just 3 months, many of which only pursued the project because of the tax credits.



*"We are very grateful for the help...You made the process a whole lot easier. We would still be trying to figure it out without your assistance. Thank you!!! "*

- Steven Dubois, Executive Director, Roscommon County Transportation Authority - received assistance from Ambassador for solar car port project.

# OCE Plans for 2026

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# What's to come in 2026 for OCE?

## Policy and Planning

- CPRG Implementation grant
- Statewide Study on GHG Emissions Evaluation and Clean Energy Tracking
- Michigan Energy Affordability and System Transition Pathways Study
- Renewable Energy Siting Strategic plan
- Forthcoming study on workforce analysis and projections for labor surplus/shortages
- Climate Vulnerability Assessment

## Strategic Initiatives

- Launching three MI Healthy Climate Challenges
- Industrial Decarbonization strategy
- Continued engagement with Michigan Climate Investment Hub

## Communicate and Inspire

- MI Healthy Climate Conference on April 21

## Organize and Mobilize

- Third cohort of MHC Fellows
- Second year of MI Healthy Climate Justice Accelerator

**Council Meeting Topics in 2026: Michigan Maritime Strategy, Climate Adaptation, potentially Department of Technology, Management and Budget and MPSC speakers**

# Executive Budget Recommendation

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CLIMATE-RELATED HIGHLIGHTS

## Governor Whitmer's FY27 Recommended Budget

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- \$2 million for local infrastructure preparedness and protection (general fund) to conduct climate vulnerability assessments in local communities.
- These assessments will permit localities to plan for a changing climate and mitigate their exposure to ever increasing natural disasters.

# MI Healthy Climate Challenge Updates

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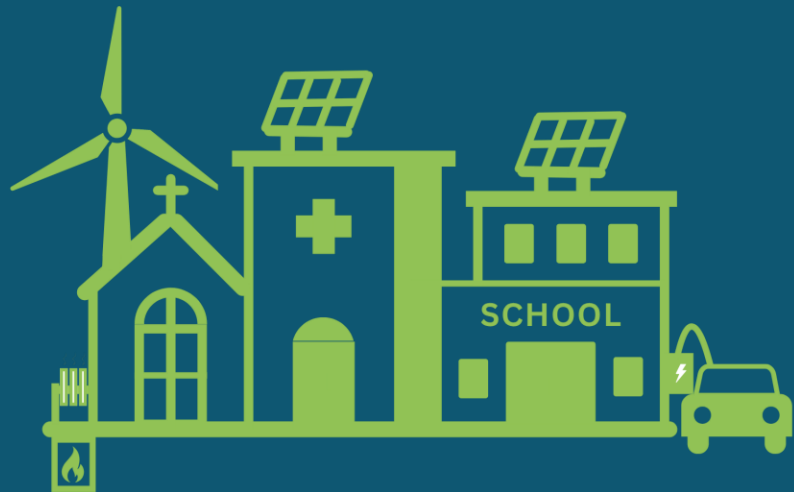
# MI Healthy Climate Challenge

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- Challenge 1: Solar for Savings
  - Paused; Pending federal legal proceedings
- Challenge 2: Unlocking Elective Pay
  - Awardees Announced January 16, \$2 million for 3 awardees
    - Michigan Alliance for Student Opportunity, Justice Climate Fund, Michigan Saves
  - Finalizing Grant Agreements, Projects to Begin March 2026
- Challenge 3: Growing Green Lending
  - Launched February 1
  - Applications Due March 22
- Challenge 4: Go Big, Go Clean
  - Timeline and funding details forthcoming



# Challenge #2: Unlocking Elective Pay Awardees



Michigan  
Saves -  
\$720,000

Centralized intake process and predevelopment support, and elective-pay aligned financing coordination

Development of a geothermal financing and go-to-market strategy

Coordination of capital deployment, standardization of procurement and contracting approaches, and development of a durable pipeline of geothermal projects statewide

Justice  
Climate  
Fund -  
\$720,000

Project identification and bundling, predevelopment support, elective-pay aligned financing, and interest rate buy-downs

Lender and community capacity building

Michigan  
Alliance for  
Student  
Opportunity  
- \$560,000

Pilot comprehensive decarbonization plans for at least 10 school buildings, including Elective Pay-aligned financing options

Design and market-test scalable organizational and project-aggregation structures

Develop a pipeline of at least 100 schools prepared to pursue clean-energy investments

# Office of Climate and Energy Updates and MI Healthy Climate Plan Progress

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Questions?



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Materials Management Division Energy, Pollution Prevention, and Recycling

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JULIE STAVELAND, ASSISTANT DIVISION DIRECTOR

# Mission and Goals:

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## EGLE's Mission:

To protect Michigan's environment and public health by managing air, water, land, and energy resources.

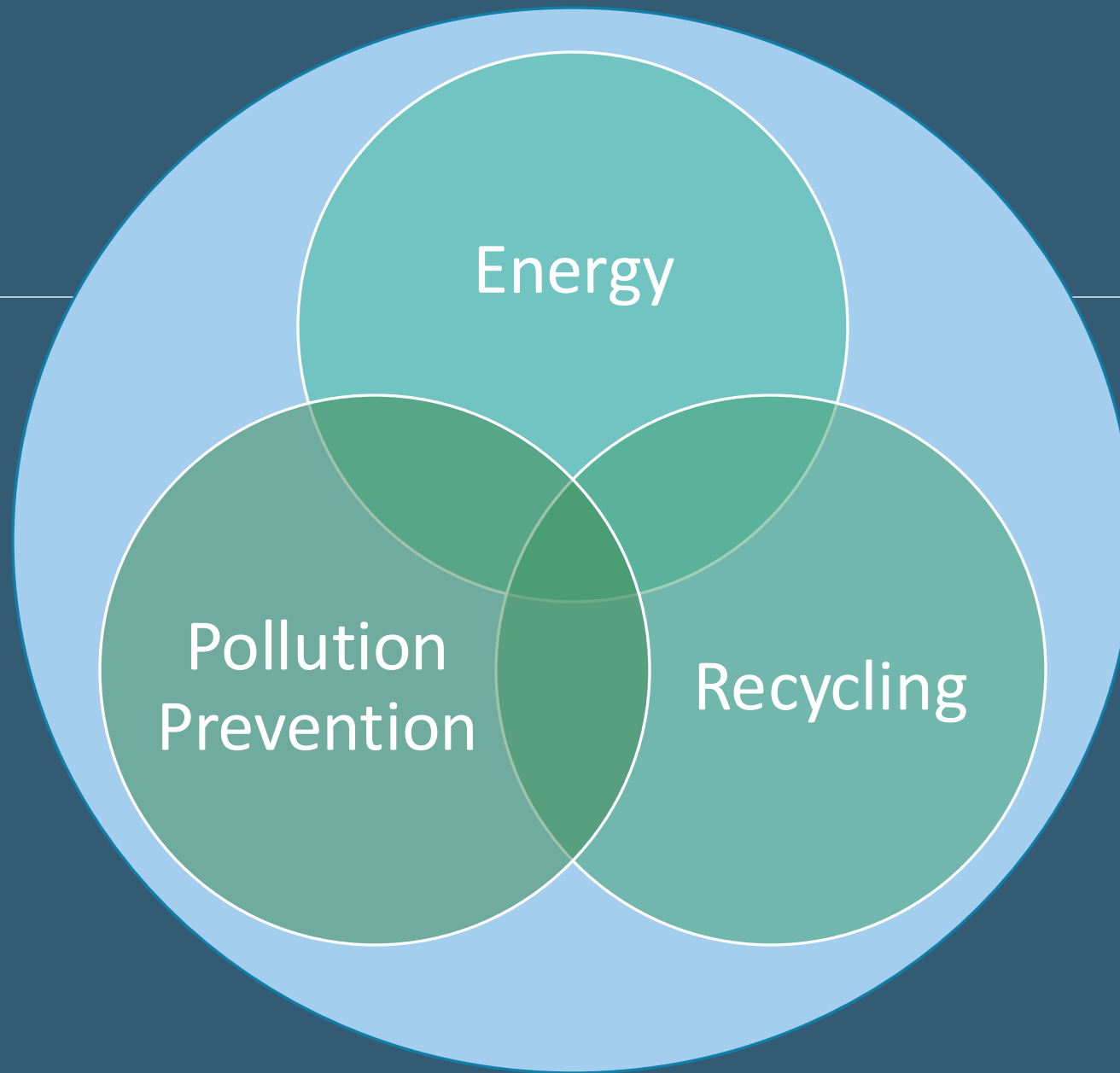
## Our Goal:

To promote healthy communities, economic growth, and environmental sustainability through technical assistance and incentive funding for:

- Energy efficiency, electrification, and renewable energy;
- Pollution prevention; and
- Recycling, recovery, and reuse.

# MI Healthy Climate Plan

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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)

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## Clean the Electric Grid

Generate 60 percent of the state's electricity from renewable resources and phase out remaining coal-fired power plants by 2030.

Limit energy burden from powering and heating homes to not more than 6 percent of annual income for low-income households.

# RENEWABLE ENERGY AND GRID RELATED PROGRAMS

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Energy  
Planning and  
Policy

Zoning  
Database

Clean Energy  
Webinar  
Series

Renewable  
Energy  
Academy

# RENEWABLE ENERGY AND GRID RELATED PROGRAMS

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CELICA and  
MI Solar Access

Grid Resiliency

Renewable Ready  
Communities  
Award

Community  
Energy  
Management

Electrify Vehicles  
and Increase  
Public Transit

Build the infrastructure necessary to support 2 million electric vehicles on Michigan roads by 2030.

Increase access to clean transportation options – including public transit – by 15 percent each year.

# TRANSPORTATION RELATED PROGRAMS

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Charge Up  
Michigan

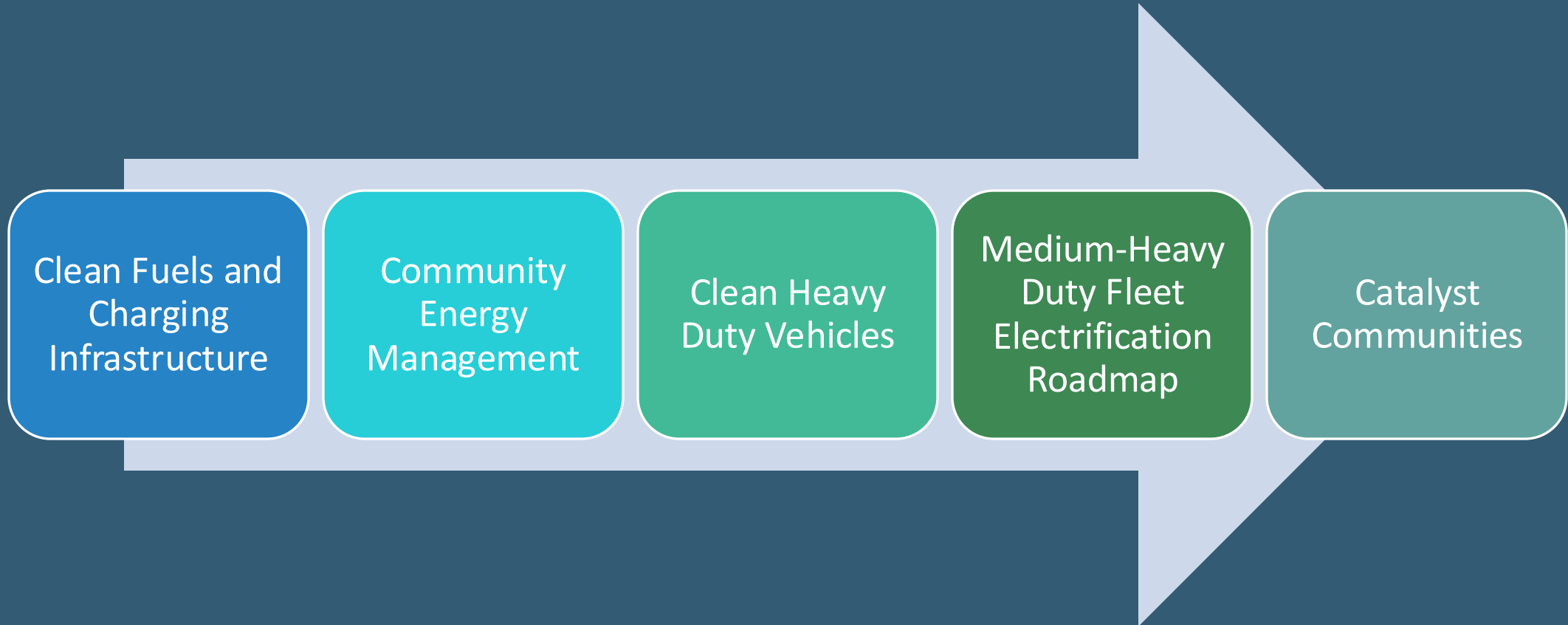
Lake Michigan  
Circuit

Fuel  
Transformation  
Program

Diesel Emission  
Reduction  
Program

# TRANSPORTATION RELATED PROGRAMS

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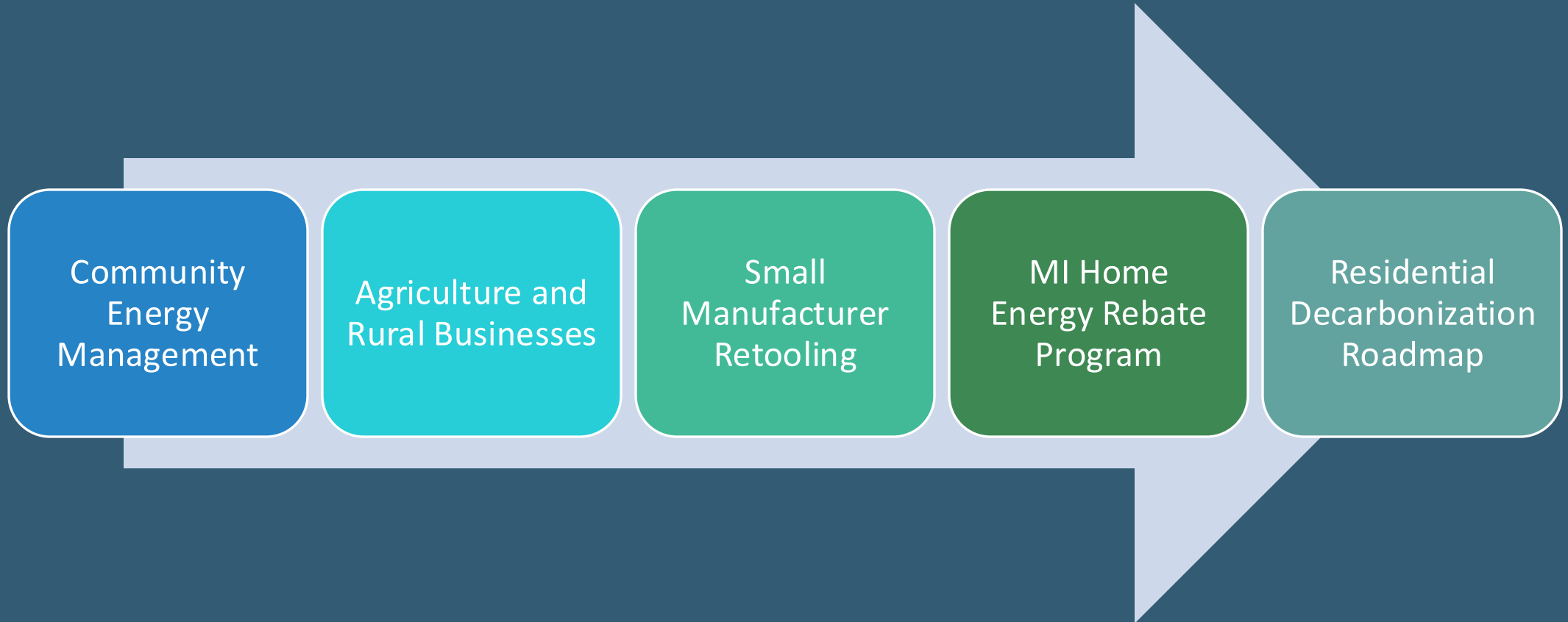
Repair and  
Decarbonize  
Homes and  
Businesses

Reduce emissions related to heating Michigan homes and businesses by 17 percent by 2030.

Increase investments in repairing and improving buildings to reduce costs for working families and small businesses.

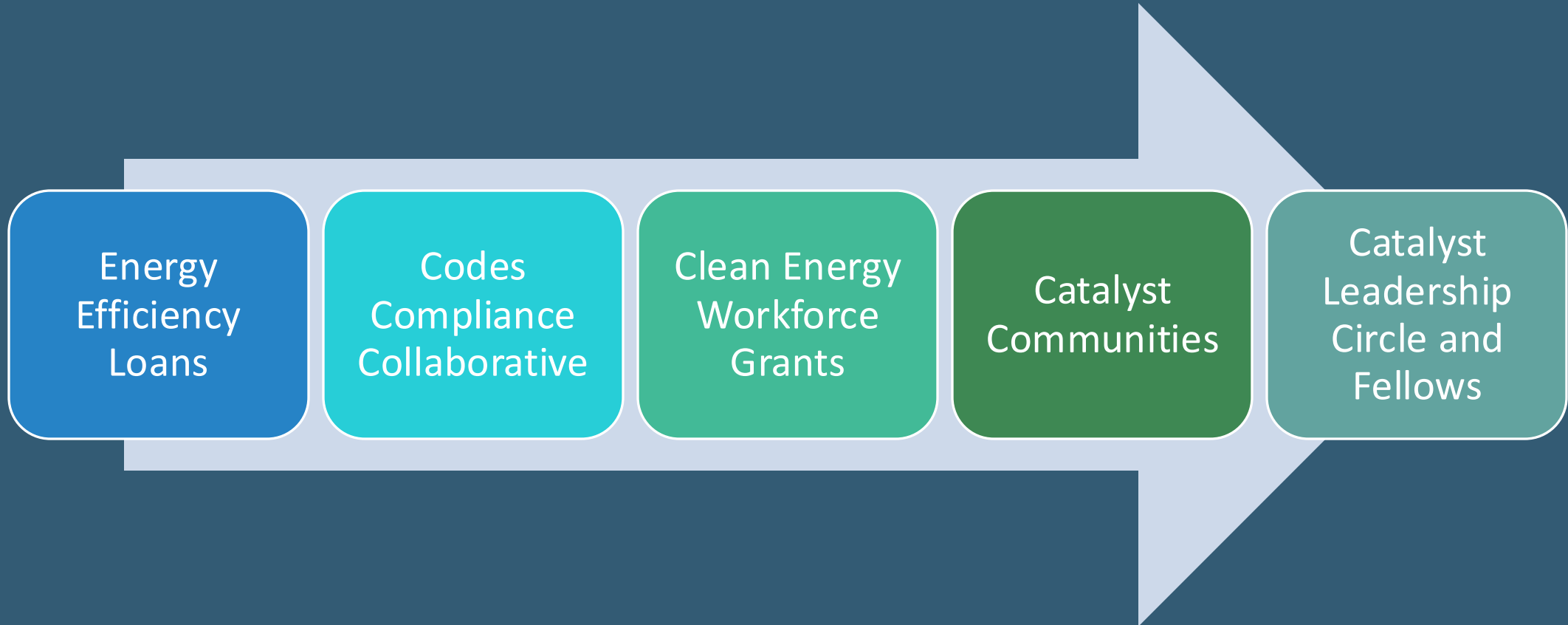
# BUILDINGS RELATED PROGRAMS

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# BUILDINGS RELATED PROGRAMS

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## Drive Clean Innovation in Industry

Encourage clean innovation hubs where private enterprises strategically co-locate and collaborate to develop and deploy new, cleaner manufacturing technologies and conduct research and development to reduce emissions from hard to decarbonize industries.

Triple Michigan's recycling rate to 45 percent and cut food waste in half by 2030.

# INNOVATION AND RECYCLING RELATED PROGRAMS

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Cleantech,  
Climatech,  
Circular  
Economy

NextCycle  
Michigan

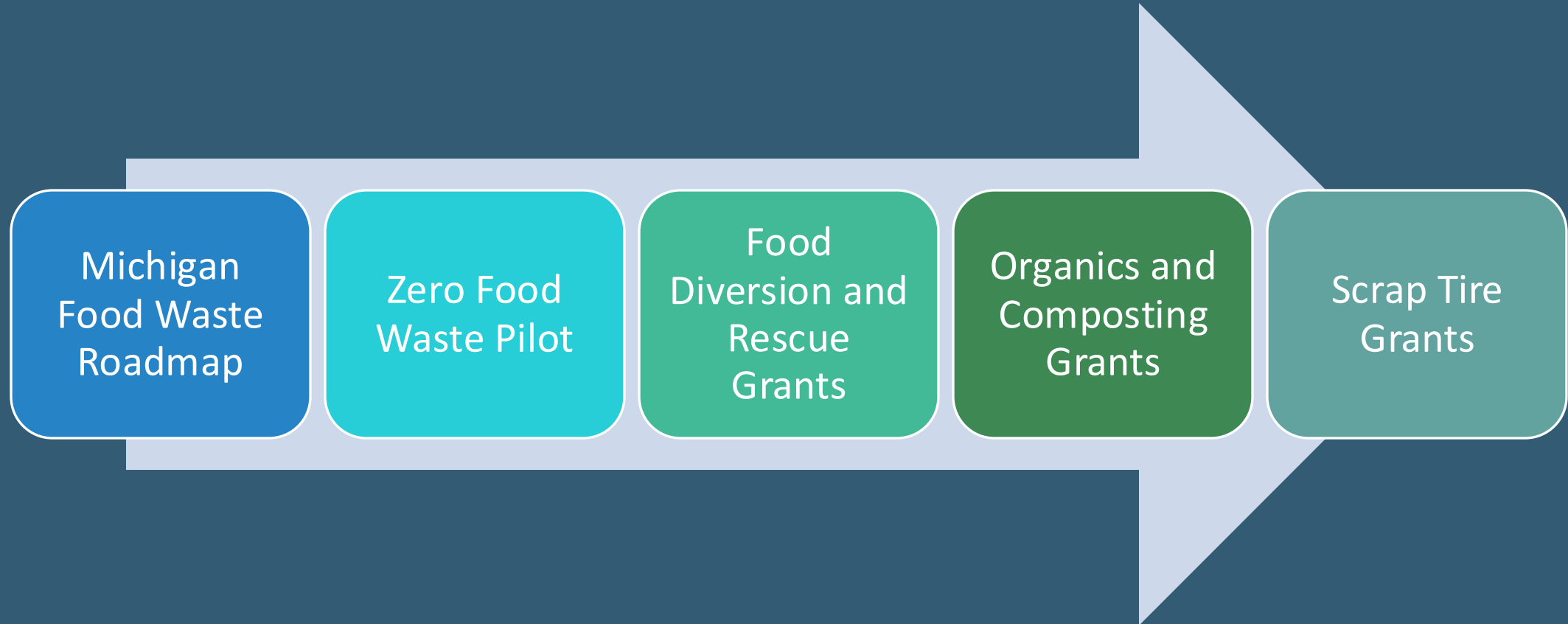
Battery  
Circularity  
Program

Circular  
Economy  
Grants

Recycling  
Infrastructure  
Grants

# INNOVATION AND RECYCLING RELATED PROGRAMS

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# INNOVATION AND RECYCLING RELATED PROGRAMS

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E-Waste  
Grants

Critical  
Minerals  
Grants

Material  
Management  
Planning

Know It  
Before You  
Throw It

Residential  
Recycling  
App

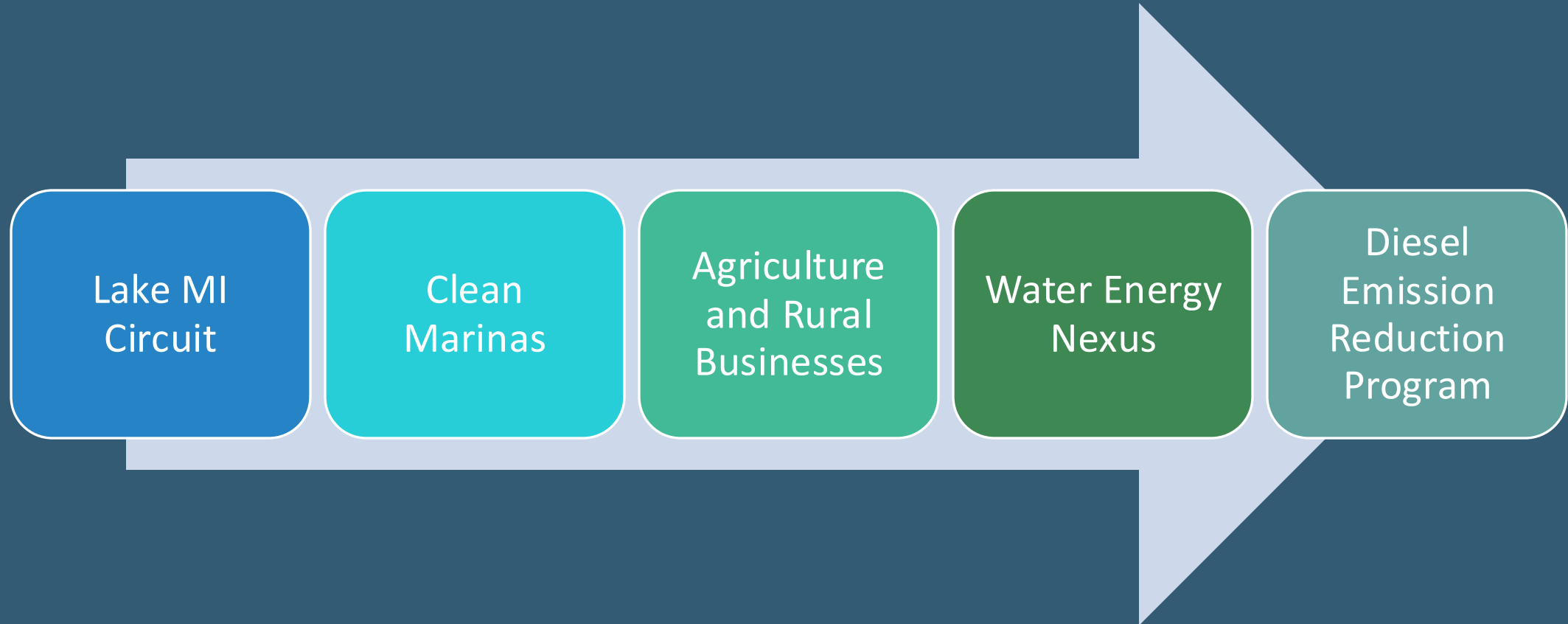
Protect  
Michigan's Land  
and Water

Protect 30 percent of Michigan's land and water by 2030 to naturally capture GHG emissions, maintain and improve access to recreational opportunities for all Michiganders, and protect biodiversity.

Leverage innovative strategies to support climate-smart agriculture.

# LAND, WATER, AND AG RELATED PROGRAMS

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# LAND, WATER, AND AG RELATED PROGRAMS

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# QUESTIONS AND DISCUSSION

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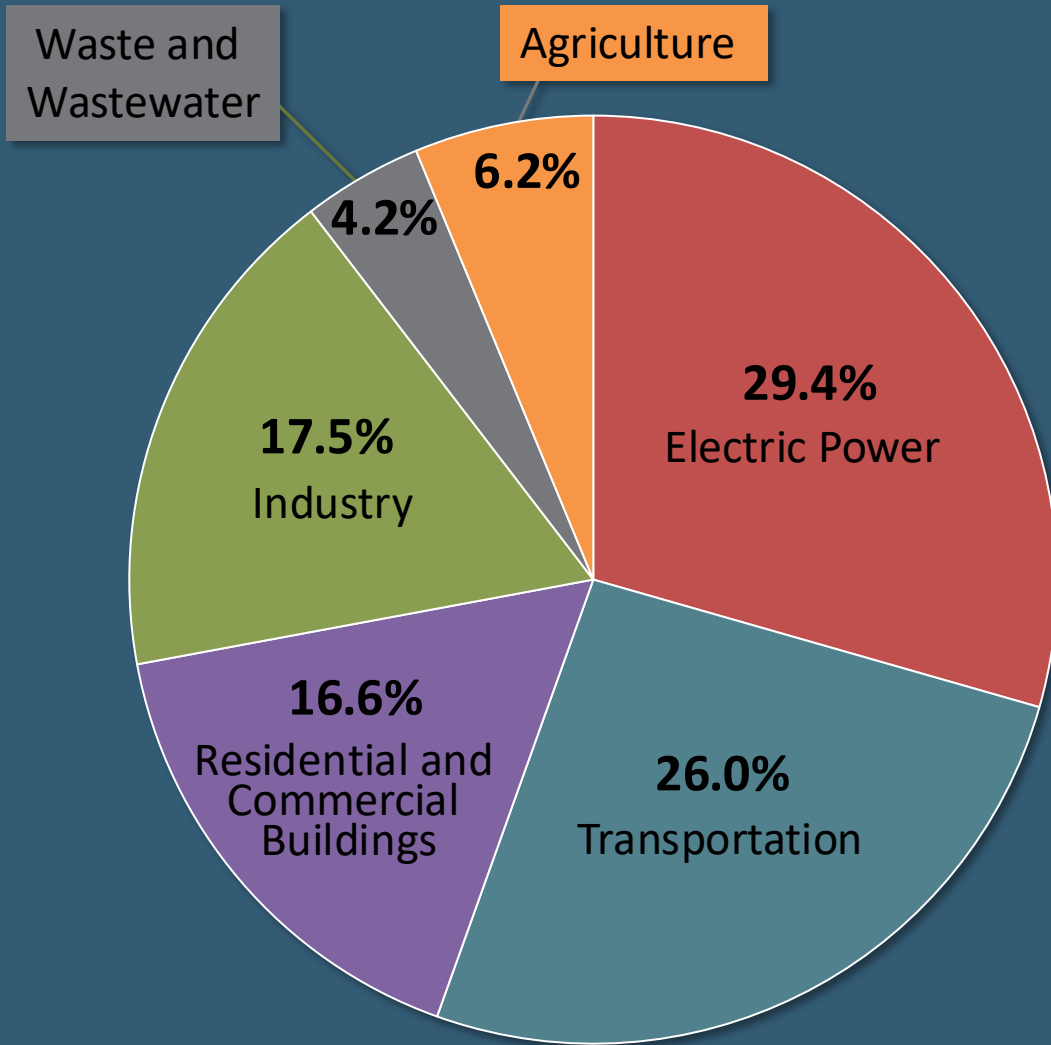
# Industrial Decarbonization Strategy

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OFFICE OF CLIMATE AND ENERGY



# Michigan's 2021 Greenhouse Gas Inventory



**181.18 MMTCO<sub>2</sub>e**  
from all sectors in Michigan for 2021

**Emissions fell 20% since 2005**  
From 226.5 → 181.2 MMTCO<sub>2</sub>e

*Note: totals do not include sinks from natural lands  
Source: EPA SIT, EPA Inventory by State (default data)*

# Industrial Decarbonization Strategy



## Funding and Recognition

Challenge 4  
Recognition Opportunities



## Financing

Financing Options and links to Michigan Climate Investment Accelerator



## Technical Assistance (TA)

Facility-specific plans and assessments

- RETAP, DOE TAP, ITAC, 5LE, others

Trainings and capacity building

- RMI, ACEEE, USCA, others

Peer learning



## Economic Development

Climate-friendly Economic Development

- MEDC and LEO engagement

Climate Tech and Startup Connections

- Newlab, Third Derivative, Centrepolis



## End User Energy Intensity

Energy Efficiency Programs  
Planning for Electrification  
Energy Cost Calculations

### Foundational Policy:

- Industrial Decarb Roadmap
- Council on Climate Solutions Subcabinet  
Department Implementation of MHCP

### Enabling Partnership Model:

- Conveners and implementation leads: EGLE, other SOM Departments, aligned external organizations
- Industry partners: Industrial associations, facilities, utilities, service providers, etc.
- TA and affiliate networks: DOE TAP, ITAC, 5LE, RMI, etc.

### Community Benefits:

- Responsible development and siting: Preserve energy affordability and equity and continuously engage community

# Industrial Decarb Strategy

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## Next Steps:

- Continued discussions with industry representatives and experts
  - March 19 Convening (invitation only) – Lansing, Michigan
  - April 22 Convening (invitation only) – Detroit, Michigan
  - Planned: June 17 - 18 Catalyze Conference – Detroit, Michigan (Hosted by ASME and Constructive)
- Fundraising underway for engagement events with industry and partners
- Needs assessment survey will be published soon to collect industry input
- Finalizing design of Challenge 4
- Industrial Decarbonization Roadmap led by 5Lakes Energy



# Next Steps and Discussion

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- Meeting materials and other resources can be found at [Michigan.gov/Climate](https://Michigan.gov/Climate)
- Written comments can be submitted via email to [EGLE-ClimateSolutions@Michigan.gov](mailto:EGLE-ClimateSolutions@Michigan.gov)

# Reach Us Online

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Website: [Michigan.gov/Climate](https://Michigan.gov/Climate)

Email Address: [EGLE-ClimateSolutions@Michigan.gov](mailto:EGLE-ClimateSolutions@Michigan.gov)