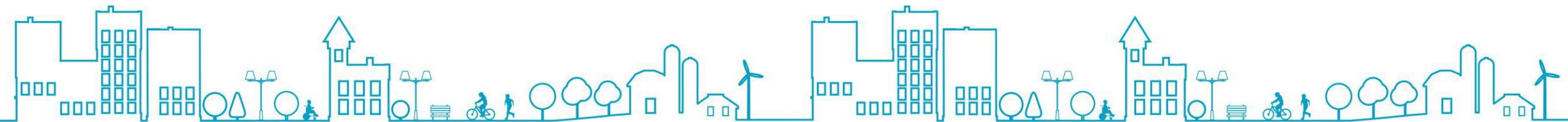


Improvement of Michigan School Environments

MI Healthy School Program, School Infrastructure Study, and other Collaborative Efforts

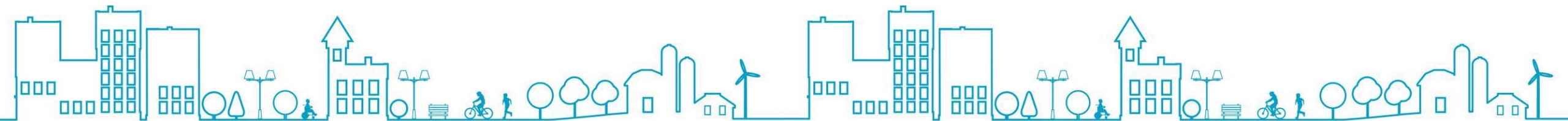
State Board of Education

December 12, 2023

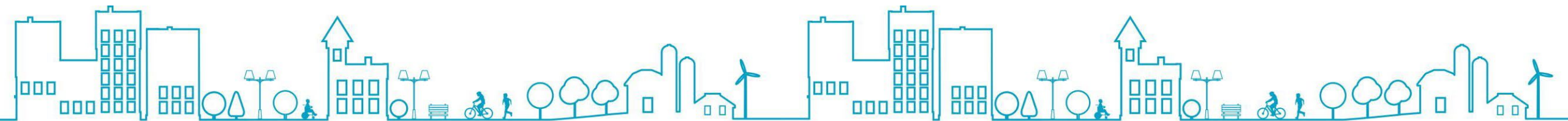


Presenters

- ▬ Dr. Diane Golzynski, RDN, SNS, deputy superintendent, Division of Finance and Operations
- ▬ Mike Leathead, interim supervisor, School Health and Safety Unit
- ▬ Steven Ezikian, executive director, School Finance Research Foundation
- ▬ Dr. Sarah Lyon-Callo, state epidemiologist and public health director, Michigan Department of Health and Human Services
- ▬ Travis Boeskool, deputy director, Michigan Department of Environment, Great Lakes, and Energy



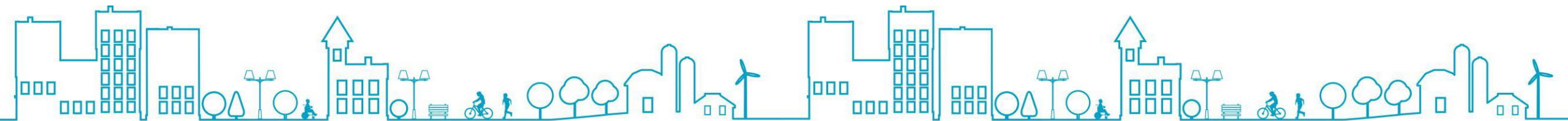
MI Healthy School and Clean School Bus Programs



MI Healthy School Program

Section 12a of the State School Aid Act

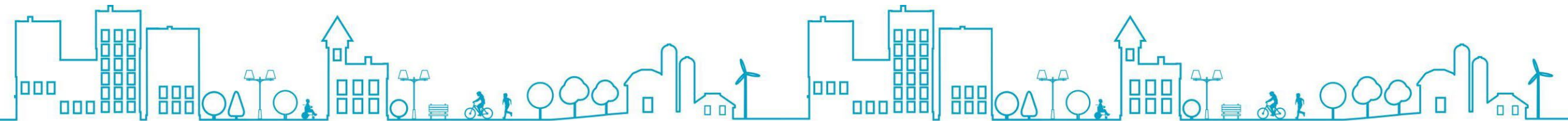
- \$50 million for competitive grants
- Anticipated completion date of September 30, 2027
- Lower energy costs
- Improve health outcomes
- Collaboration between Michigan departments of:
 - Education (MDE)
 - Environment, Great Lakes, and Energy (EGLE)
 - Health and Human Services (MDHHS)



Prioritization of Schools

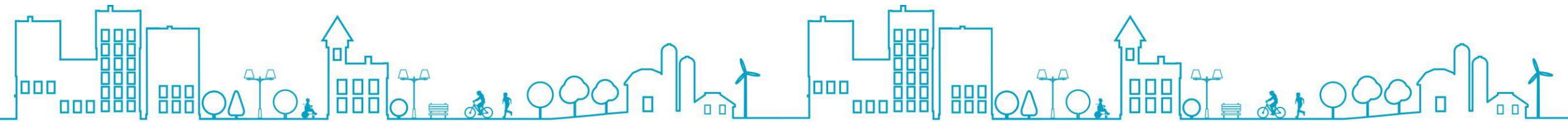
Legislatively required criteria:

- Using Justice40 parameters
- National Ambient Air Quality Standards nonattainment zones
- High asthma burden areas
- Environmental justice areas
- Small Area Income and Poverty Estimates (SAIPE) program areas
- Rural areas
- Communities with high free and reduced lunch participation rates



Prioritization, Continued

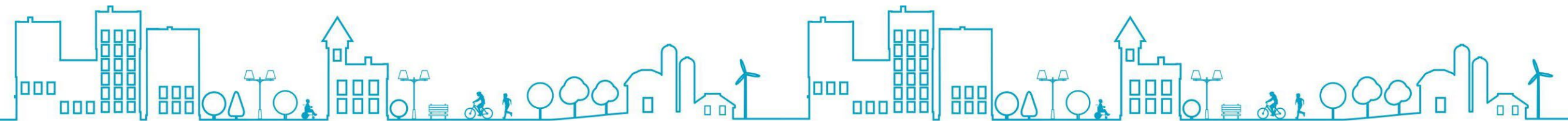
- Applicants using unionized labor and Michigan companies for evaluation and installation of improvements
- Initial distribution of funds to schools that participated in the racial disparities task force initiative evaluating and analyzing opportunities to improve air quality in K-12 facilities in environmental justice communities



Uses of Grant Funds

As defined in statute:

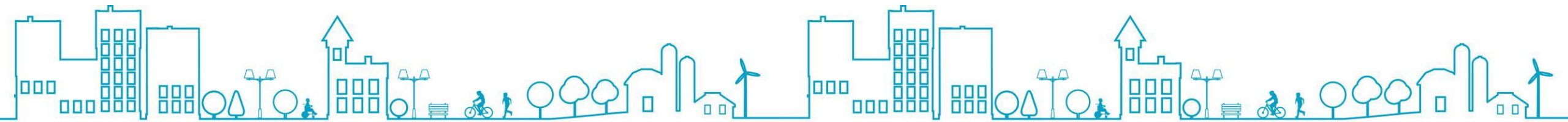
- Indoor air quality improvements, including HVAC and air-conditioning needs
- Energy enhancements, including energy efficiencies, on-site renewable energy production, and facility electrification
- Toxin remediation, including the removal of lead and, subject to section 168a, asbestos
- Drinking water system upgrades, including the installation of hydration stations




Clean School Bus Program


Section 74b of the State School Aid Act

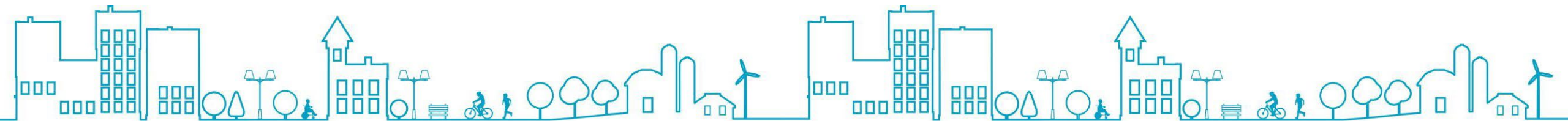
- \$125 million for competitive grants
- Anticipated completion date of September 30, 2027
- Supporting districts and intermediate districts to transition to environmentally friendly transportation vehicles
- Collaboration between Michigan departments of:
 - Education (MDE)
 - Environment, Great Lakes, and Energy (EGLE)



Allowable Use of Funds

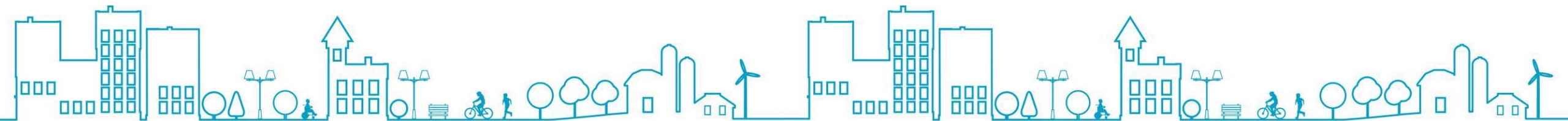
-  May be used for the conversion of vehicular fleets to low- or no-greenhouse gas emissions operations
 - Alternative fuel vehicles, including, but not limited to, vehicles that operate using electricity, propane, and natural gas
 - Using EGLE's Clean Fleet Initiative guidelines

-  May be used for maintenance or operational costs of new or existing vehicles



Prioritization of Schools

- Using Justice40 parameters
- National Ambient Air Quality Standards nonattainment zones
- Environmental justice areas
- Small Area Income and Poverty Estimates (SAIPE) program areas
- Rural areas
- Communities with high free and reduced lunch participation rates



Statewide School Infrastructure Study

Michigan State Board of Education

December 12, 2023

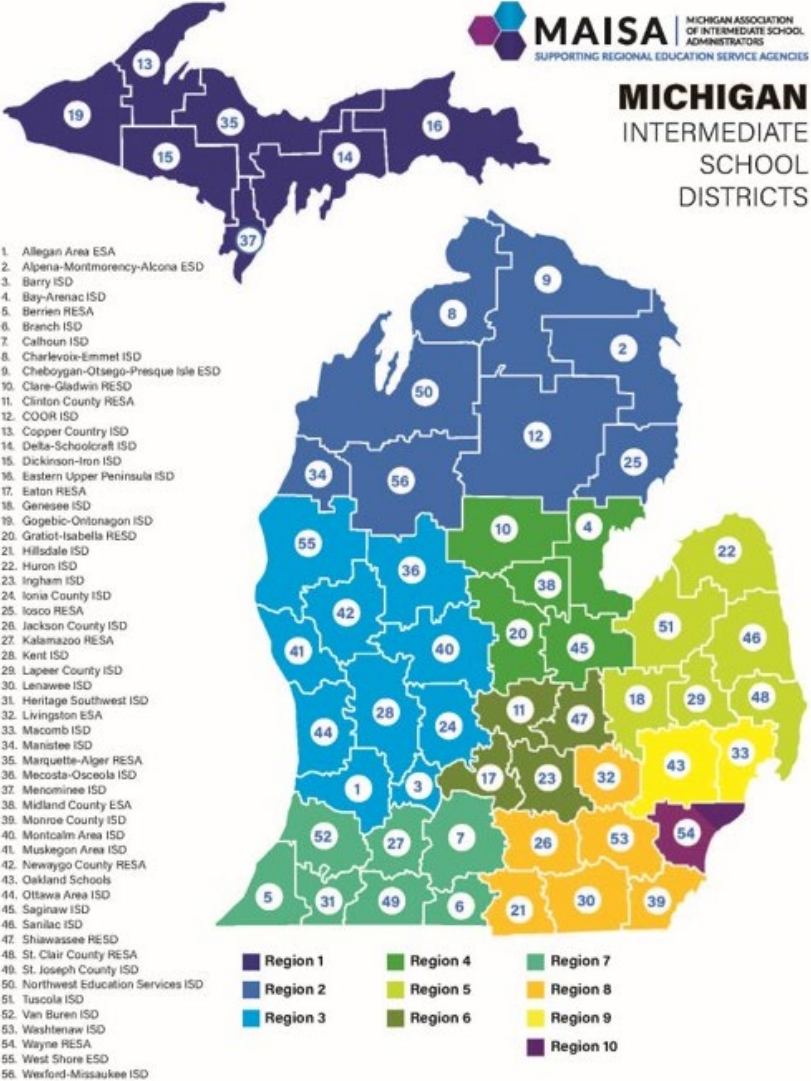


2022-2023 State Aid Act, section 11y

- Allocated \$20,000,000
- To an intermediate district or consortium of intermediate districts
- to coordinate with engineers from Michigan-based construction companies familiar with school construction to perform facility condition assessments of each school building in this state in which students are educated that is operated by a district. do not determine that the most cost-effective way to bring a building to health, safety, and wellness standards is new construction,
- **and determine the investments required to ensure that the building meets health, safety, and wellness standards and the estimated cost of the investments**

Who is the School Finance Research Foundation?

- The School Finance Research Foundation is a diverse group of business leaders and education experts, from Metro Detroit to the U.P., who agree it's time to change the way Michigan's schools are funded.
- The group is a 501(c)(3) made up of 12 intermediate school district leaders from the 10 MAISA regions across the State



Statewide School Infrastructure Study

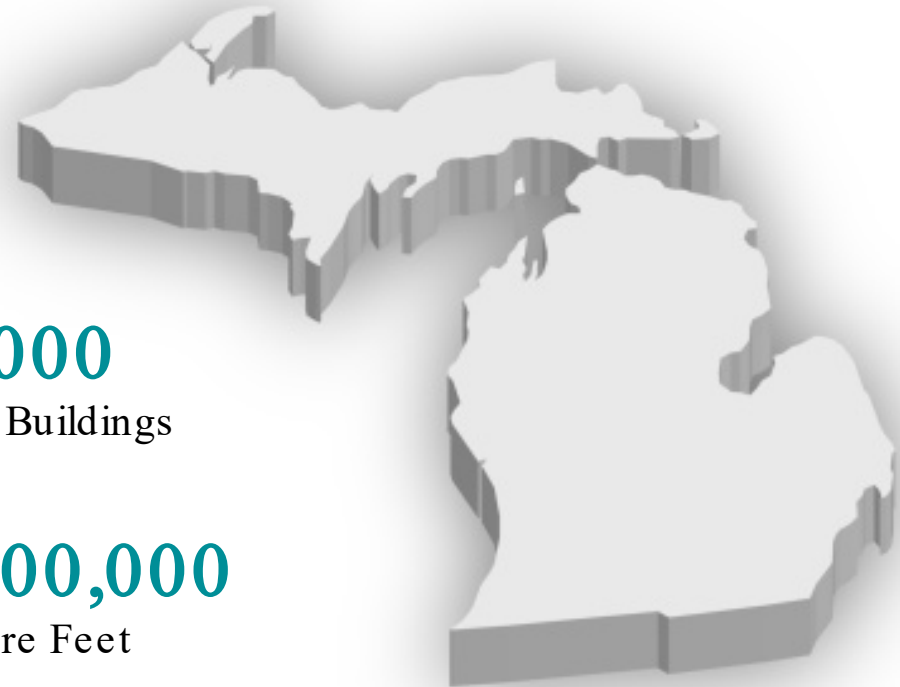
In recognizing the gap of school infrastructure funding, the State of Michigan has tasked the SFRF with conducting a Statewide School Infrastructure Study of all public K-12 buildings across the state by the end of 2024.

Goal:

To determine if it is more cost effective to bring each building up to certain health, safety, and wellness standards **OR** replace the entire existing building

3,000
School Buildings

270,000,000
Square Feet



Statewide School Infrastructure Study

THIS STUDY IS:

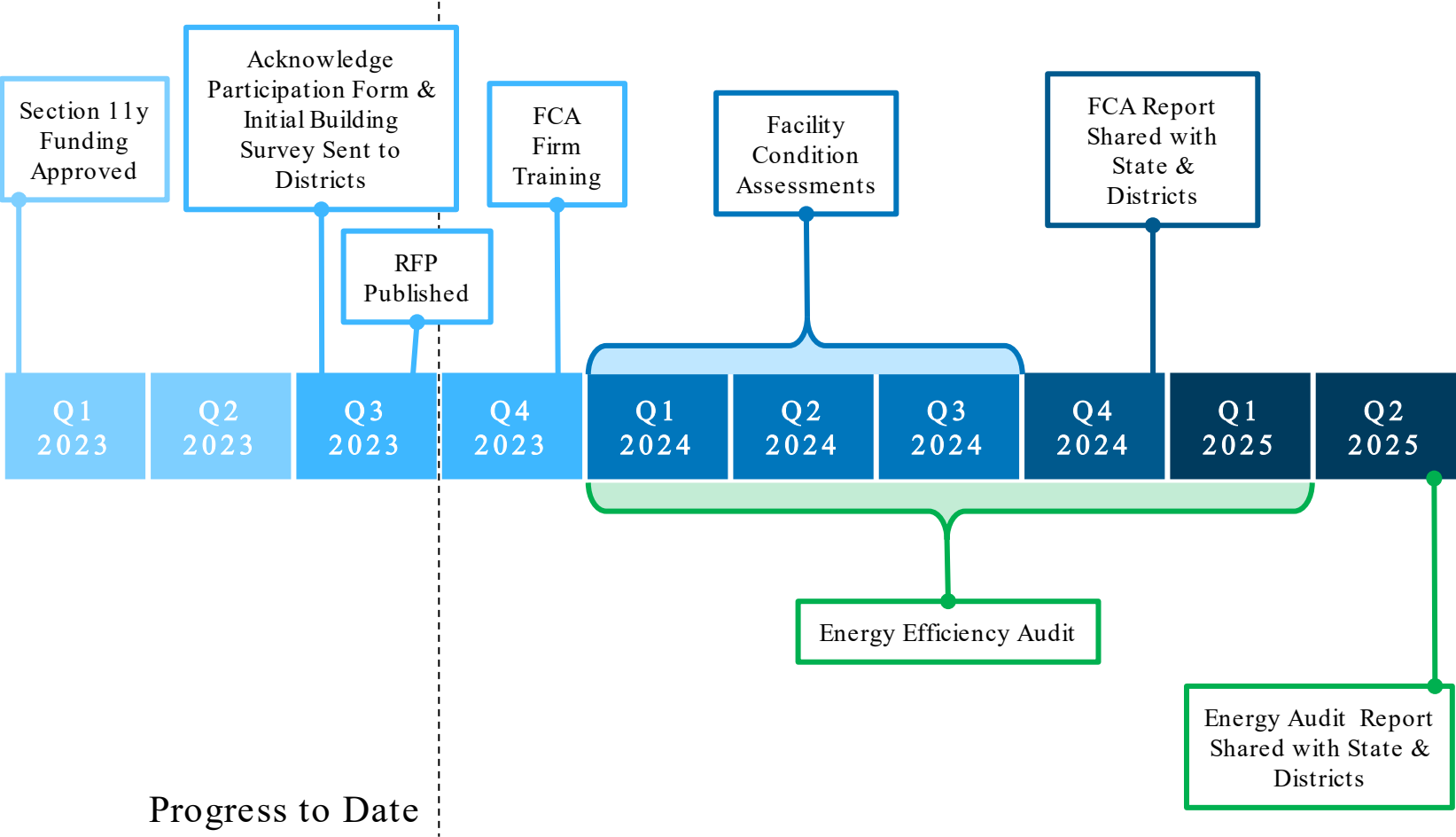
- ✓ Intended for the limited purpose of financial analysis and planning by the State of Michigan.
- ✓ A high-level non-invasive assessment of building conditions focused on health, safety, and wellness.

This Study Is Not:

- ✗ A facility condition assessment for use in PQ Apps.
- ✗ Meant to identify or correct any issues or deficiencies in any district facility regarding space, health, or code compliance.
- ✗ Mandatory

Districts will be provided with a comprehensive report on their buildings at the end of the study

Master Timeline



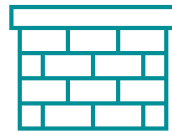
Scope of the Facility Condition Assessment



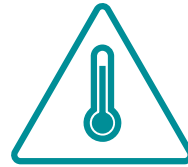
Health, Safety, & Wellness Features



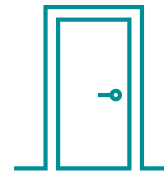
Windows



Walls



HVAC



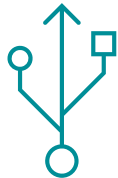
Doors



*Building
Exterior*



Plumbing



Electricity



Roof

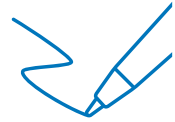


Site



Security

Energy Audit



Add Alternate to Facility
Condition Assessment
(Districts will Opt-In)



Modified (Enhanced) Level
1 ASHRAE Audit



Walk Through at Same Time
as FCA



Analyze 12 Months of
Utility Data



Separate Deliverable 6
Months After FCA

Progress to Date

School District Participation-Section 11y

The State of Michigan has set aside funding through the School Consolidation and Infrastructure Fund (Section 11x) for infrastructure improvements.

Participation is NOT mandatory, but only districts that agree to participate in the study are eligible to receive Section 11x funding.



96%

572 of 594 Districts/ISDs have completed the FCA participation acknowledgement form.

Based on this level of participation, the study will include over 3,000 buildings and 270M SF.

School District Participation-Section 11aa

The Energy Audit will assess the opportunity for energy efficiency and cost savings in Michigan Schools.

Participating schools will be positioned to seek available federal funding and potential state funding for the installation of energy efficient building systems.



55%

270 of 594 Districts/ISDs have indicated their interest in participating in the Energy Audit.

Public Health Initiatives Supporting Healthy School Environments

Presentation to State Board of Education – December 2023



Mission

Michigan Department of Health and Human Services (MDHHS) provides opportunities, services, and programs that promote a healthy, safe, and stable environment for residents to be self-sufficient.

Public Health Initiatives Supporting Healthy School Environments



- The **MDHHS Asthma Program** and its partners work to:
 - Improve linkages and care coordination between the school, the family, and the student’s medical providers;
 - Develop and advance asthma educational materials and trainings for school personnel; and
 - [Promote asthma friendly school policies, including the Michigan Inhaler Law.](#)
- The **MDHHS Health Resource Advocate (HRA) program** in K-12 schools offers a wide range of benefits, ranging from improved health and well-being to increased access to health care and education.
 - Positively impacts student performance, attendance, and the overall health of the school community, creating a supportive environment where students can thrive.
 - Currently supporting local health departments (LHD), intermediate school districts (ISD), and school districts (SD): 111 HRA positions via local health (16 LHDs); 225 HRA positions via ISDs/SDs (20 ISDs & 9 SDs).
 - This is a limited term federal grant funded program.
- The **MDHHS MI Safe School Indoor Air Ventilation** program was launched in 2022 to help support the improvement of indoor air quality in schools.
 - Provides air purifiers at no cost to Michigan schools.
 - Distributed mobile HEPA filtration systems to 450 districts in the initial Phase 1 (Nov 2022- July 2023).
 - Phase 2 of the initiative will begin distributing more air purifiers to schools in early 2024.
 - This is a limited term federal grant funded program.



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Healthy Schools

TRAVIS BOESKOOL, DEPUTY DIRECTOR

BOESKOOLT@MICHIGAN.GOV

School & Childcare Drinking Water Program

Objective:

Reduce The Risk Of Lead In Building Drinking Water



Voluntary Lead Testing Grant Program

Existing EGLE program	Federal funding source (EPA)	Funds may be used for plumbing assessments, sampling/testing for lead, filter stations	Provide technical assistance on general water quality	Provide training and best practices through webinars and outreach materials
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Clean Water Access Act

(Public Act 154'23)

“Filter First”

Objective:

Reduce Exposure To Lead In Drinking
Water At Schools And Childcare Centers

New Legislation Requiring Schools To:

- Develop drinking water management plans (DWMP)
- Install lead-reducing filtered bottle-filling stations/faucets
- Annually ample filtered water for lead
- Respond to elevated results

Timeline:

- Within 6 months - EGLE develops templates/guidance/training
- Within 15 months - Schools complete DWMPs
- By end of 2025/26 school year – Schools install filters

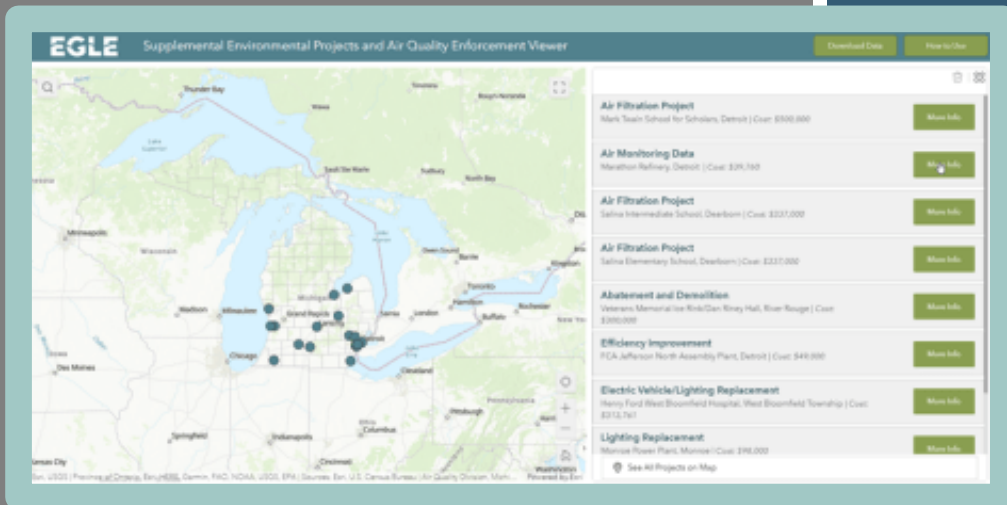
Funding:

- \$50M (re)appropriated by House Bill 4292 for Healthy Hydration

Air Quality Supplemental Environmental Projects

Objective: Direct Environmental Or Public Health Benefits And Allows For A Portion Of Fines To Be Invested In Affected Community

- Stems from an enforcement action with a violator
- Must meet one or more of the following categories:
 - pollution prevention and reduction
 - environmental restoration and protection
 - public health
 - environmental assessments and awareness
 - climate change mitigation and preparedness
 - emergency planning and preparedness



EGLE recently approved two projects involving Detroit Public Schools Community District that fell under the public health and climate change categories

EGLE Resources to Support Healthy Schools

Statewide Environmental Education Coordinator

- Works with schools to support science-related student learning and provide technical assistance

Michigan Green Schools Program

- Supports K-12 school through their commitments to environmental education and stewardship
- Requires schools complete “healthy school activities”
- Potential excellent vehicle to help promote Healthy Schools grant funding

EGLE Classroom

- Provides resources for teachers/students to learn about Michigan’s environment and natural resources



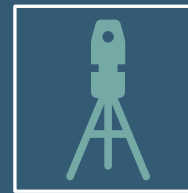
Initiatives at EGLE Impacting Healthy Schools



**School Bus Emissions
Reductions**



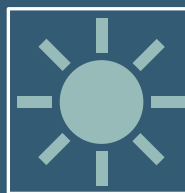
Schools HVAC Study



**EGLE Air Quality
Monitors**



**Solar/Clean Energy
Installation**



**MI Healthy Climate Plan
Priorities**



**US Dept of Education
Green Ribbon Schools
Program**

Note: Various environmental regulations often apply to schools, although they may not be specifically for schools.

Questions?

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