

# NextEnergy is developing MiNextCities one smart city at a time.

As Michigan moves toward carbon neutrality, forward-looking cities ready to integrate energy solutions backed by thorough research, ambitious policy, and thoughtful urban planning will be critical. The MiNextCities program is engaging stakeholders statewide to identify and deploy tailored solutions that improve energy efficiency, reliability, sustainability, safety, and quality of life for a broad spectrum of residents. MiNextCities is working on a roadmap for small to midsize cities to make Michigan a leader in the deployment of smart city solutions and one of the first states to fully capture the benefits promised by the convergence of next-generation smart energy and mobility solutions.

## Program goals

- Identify and deploy tailored smart city solutions
- Equitably distribute access and benefits among residents
- Provide a roadmap for implementing similar solutions across the state

**Smart city solutions use information and communication technologies to improve the efficiency and performance of interconnected infrastructure.**

MiNextCities can help you deliver solutions like:

- Fleet/building electrification
- Land-use/building envelope strategies
- Shared mobility
- Smart parking/curb management
- Microgrids and distributed renewable resources
- Grid-interactive buildings

## Research, development, deployment, and analysis

This three-year initiative will dream up, design, and drive input for an ultimate smart city roadmap that will serve as a consistent process any community can use to create successful, sustainable solutions.

**Year one:** Support community engagement and design custom, city-specific strategies

**Years two and three:** Implement deployments, gather, and analyze data and program metrics, and collect and assess community input



## The work begins in Dearborn, Flint, and Marquette.

### Support community outreach and engagement

- Explore current city initiatives and plans that work to improve energy efficiency, reliability, sustainability, and safety
- Engage and listen to community stakeholders to ensure inclusive and equitable participation
- Establish community-based project teams to help set goals and objectives
- Implement smart city and mobility best practices

### Initiate solutions deployment

- Identify specific solutions tailor made for each city's objectives and capacity constraints using community-defined goals as a guide
- Develop comprehensive implementation, contracting, and financing plans
- Deploy technologies at scale and on a timeline that is appropriate for each city

## Meet the team

**NextEnergy** is a leader in deploying smart city technologies in real-world environments and has a proven track record of quickly scaling solutions. With its extensive technical expertise and a wide network of partners with industry knowledge and investment, NextEnergy serves as the prime program contractor and will lead program management, solution deployment, and research.

**Public Sector Consultants** is a nonpartisan public policy research and consulting firm with vast experience in stakeholder and community engagement to support program development and facilitation, research, and community outreach. The firm has developed numerous roadmaps and best practice guides for multistakeholder and community initiatives.

An **advisory group** composed of state government entities, industry representatives and statewide associations will meet on a regular basis to provide ongoing strategic guidance, input, and feedback on program design and serve as program ambassadors.

### ADVISORY GROUP

Michigan Department of Environment, Great Lakes, and Energy

Michigan Economic Development Corporation

Michigan Department of Transportation

DTE Energy

Consumers Energy

Michigan Municipal League

Michigan Municipal Electric Association

Michigan Energy Innovation Business Council

**Local project teams** will be composed of elected officials, city staff, and community leaders representing sectors such as economic and community development and environmental justice who will offer community-specific strategic guidance to help identify and determine the best path forward for selected technical solutions, financing, installation, and operation.

The MiNextCities program is made possible through funding and support from the Department of Energy and the Michigan Department of Environment, Great Lakes, and Energy.



For more information, visit [MiNextCities.org](http://MiNextCities.org)