

MICHIGAN INDUSTRY 4.0 PROGRAM



The Michigan Economic Development Corporation (MEDC) launched an Industry 4.0 initiative to support small manufacturers.

Manufacturing is evolving at a fast pace. Digital technologies offer manufacturers solutions to workforce challenges, opportunities for increased productivity and will keep them globally competitive.

Michigan launched the industry 4.0 initiative to help small manufacturers be equipped with knowledge and resources to adopt industry 4.0 technologies. Two statewide resources are available through Automation Alley with an Industry 4.0 Leadership Evaluation and the Michigan Manufacturer Technology Center with a Technology Assessment.

As part of the state's Industry 4.0 initiative, Regional Programs have been established to further support small manufacturers. The Manufacturing Growth Alliance (MGA) and the Economic Growth Institute (EGI) launched a Regional Industry 4.0 Program for three areas of the state: Upper Peninsula, Northeast Michigan and Southwest Michigan.

The program has a three-pronged approach:

1. Outreach, Awareness and Training
2. In Depth Financial and Operational Analysis
3. Industry 4.0 Project Implementation

1

Outreach, Awareness and Training

MGA and EGI will partner to create awareness of the state's industry 4.0 initiative and Regional resources.

Industry 4.0 educational webinars provide an opportunity for small manufacturers to gain new insights into digital technologies, how technology can help solve industry pain points, and support a manufacturer's resilience and growth.

Access the webinars at www.MGAlliance.org/events

2

In Depth Financial and Operational Analysis

Small manufacturers will be identified to work with EGI to complete an in-depth financial analysis of the company, including a ratio analysis and company valuation. The analysis shows a firm's stability/strength and financial aptitude to handle and integrate new tech.

For manufacturers who have financial stability and aptitude, EGI will conduct an operational analysis to further evaluate other areas of their business critical to tech integration.

3

Industry 4.0 Project Implementation

The output from the financial analysis followed by a leveled set of recommendations to increase the manufacturer's value are relevant inputs for a manufacturer implementing industry 4.0 technology.

Through this process, industry 4.0 adoption recommendations will be provided to the manufacturer. All inputs gathered throughout the engagements with MGA and EGI will be factors into the decision of which manufacturers will be awarded a \$10,000 grant to support industry 4.0 technology implementation.

Manufacturers are encouraged to participate in the statewide resources available through Automation Alley and the Michigan Manufacturing Technology Center



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This program is funded by the Michigan Economic Development Corporation.