Michigan Economic Development Corporation Educational Presentation on INDUSTRY 4.0
INDUSTRY 4.0 LEADERSHIP

- Industry 4.0
- Why it’s important for MI
- I4.0 Signature Initiative
  - Statewide resources
  - Regional resources
  - Grant Program
Defined as the **convergence of digital and physical technologies**, including connected factory, data analytics, modeling and visualization, 3D printing, advanced robotics and cybersecurity.
Michigan has been known for its manufacturing prowess and productivity for more than 120 years and has the workforce, resources and high-tech innovative ecosystem to help forward-thinking companies align with Industry 4.0.

- 5th largest advanced manufacturing workforce in the country
- National leader for employment in organizations adopting Industry 4.0
- Employment in advanced manufacturing industries grew twice as fast as national average between 2015 and 2019
By **2025**, 50 percent of all Michigan manufacturers – **6,200** businesses, will be prepared to adopt Industry 4.0
STATEWIDE EXPERTISE

• Free Essential Membership
• Access to Industry 4.0 readiness data and resources
• Industry 4.0 Events including Integr8

• Customized Technology Opportunity Assessments
• Course Trainings
• Roadshows on key Industry 4.0 technology
Industry 4.0 Accelerator

- Attract the best I4.0 technology companies in the world
- Retain & grow promising MI based I4.0 tech companies
- Connect I4.0 tech companies to MI manufacturing firms to help improve operational efficiency
- Strengthen the regional I4.0 cluster and manufacturing value chain
Regional Grant Administrators

- Great Lakes Bay Manufacturers Association
- Macomb County Planning and Economic Development
- Manufacturing Growth Alliance
- Networks Northwest
- The Right Place
- Southwest Michigan First
MEDC’s Industry 4.0 grant program will provide 50% reimbursement for qualifying I4.0 technology costs up to $25,000.
Eligibility

• Be a manufacturer
• Project taking place in MI
• Small Business (by SBA standards)
• I4.0 Technology Assessment by MMTC or equivalent
• Essential Member with Automation Alley
Technologies Supported

• Additive Manufacturing & Advanced Materials
• Artificial Intelligence
• Data Analytics
• Cloud Computing
• Cybersecurity
• Industrial Internet of Things (IoT)
• Modeling, Simulation, Visualization & Immersion
• Robotics/Automation
• Connected Worker Platforms & Wearables
• 139 Grants Awarded, totaling over $3 million

• Funds allocated in all 10 prosperity regions of the state, across 44 counties

• Estimated results:
  o Increase in Revenue: $174 million
  o Jobs Created: 633
  o Jobs Retained: 2,415

• Projects leverage $17.7 million of private investment from small manufacturers
THANK YOU!

For questions, please contact:

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