

## Manufacturing 4.0 Study

Manufacturing helps drive the Iowa economy and is a critical industry sector that impacts the state's economic vitality. Manufacturing digitalization will transform how products are designed, fabricated, used and serviced. To maintain a competitive advanced manufacturing sector, we must strengthen Iowa's manufacturers by helping them manage changes facing the industry. The Iowa Manufacturing 4.0 Plan will be an action plan with recommended strategies and tactics to help facilitate the use of digital technologies by providing a path to address the trends, technology challenges, customer demands and talent issues that Iowa manufacturers are facing with digital transformation.

## Work Groups

Work groups are being formed to provide input, review the data and policy assessments, and to shape the goals and strategies for of the Manufacturing 4.0 plan around each of the five focus areas: **Tech Adoption and Utilization, Improved Supply Chain Linkages, Accelerating Startups, Scale-ups by Fostering Innovation, Effectively Trained Workforce, Infrastructure for Digital Tech and Green Manufacturing.**

Each work group will consist of no more than 10 members with expertise central to the specific focus area. After the groups are initially convened, a chair will be selected. The chair will work closely with the Iowa Economic Development Authority (IEDA) staff and the consultant procured to facilitate and develop the Manufacturing 4.0 plan. Members will be selected to represent manufacturing expertise and stakeholder interests within the state and will:

- ✓ possess expertise related to the work group
- ✓ be selected from around the state
- ✓ represent urban and rural interests
- ✓ include public, private and nonprofit representatives
- ✓ include research and academic representatives

## Work Group Expectations

Participation in a Manufacturing 4.0 work group is an opportunity to guide the development of Industry 4.0 in Iowa relative to the state's advanced manufacturing sector. The Manufacturing 4.0 initiative is expected to take approximately a year to complete. It is anticipated that the groups will convene in early April 2020. The meetings will be face to face in a geographically central location; follow-up phone conversations may also take place. The meetings will be face to face and include video conferencing options in a geographically central location; follow-up phone conversations may also take place.

Following the initial kick-off meeting, work groups will reconvene in mid-May and in the August/September time-frame to provide more feedback on strategy/action development and review, discuss and modify proposed strategies and actions. Other conversations over the phone may be held. Time and expenses for participating in a work group will not be reimbursed. Please consider your availability and willingness to participate.

**How to Participate in the Work:**

Submit this document to Jill Lippincott via email to [jill.lippincott@iowaeda.com](mailto:jill.lippincott@iowaeda.com) or mail to Iowa Economic Development Authority, 1963 Bell Ave. Suite 200, Des Moines, IA 50315. Applications must be received or postmarked by **March 6, 2020**, to be considered. Applications will be reviewed using the selection criteria noted below. Decisions on the work group selection are expected to be announced by **March 13, 2020**.

**Work Group Interest:**

\*If applying for more than one group, please circle your first, second, etc. choice.

<b>Tech Adoption, Utilization</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Improved Supply Chain Linkages</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Accelerating Startups, Scale-ups by Fostering Innovation</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Effectively Trained Workforce</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Infrastructure for Digital Tech, Sustainable Manufacturing</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

Last Name	First Name	Middle Initial	Email
Address		City/Zip	Phone
Current Employer		Current Position / Title	
Preferred Method of Contact			
<input type="checkbox"/> Phone <input type="checkbox"/> Email <input type="checkbox"/> Mail			

Tell us about yourself (short biography).
---

What made you decide to apply to participate in a work group(s)?

Please list any manufacturing related experience, memberships and/or education and training which support your application.

**Participation in a Manufacturing 4.0 working group is an opportunity to guide the future of Manufacturing 4.0 strategies in Iowa.**

**The Manufacturing 4.0 initiative is expected to take approximately nine months to complete, beginning in April 2020. It will require participation in an initial kickoff meeting in a geographically central location. Other tasks and conference calls may be needed depending on the work group. Time and expenses will not be reimbursed to participating members. Please consider your availability and willingness to participate in the work group while answering the questions below:**

Can you attend an in person kick off meeting in a geographically central location?

Yes  No

Can you attend at least two additional sub-group meetings, preferably in person?

Yes  No

I understand certain information contained in this application may be available for inspection by the general public under the Iowa Open Records Act, Chapter 22 of the Iowa Code.

**Signature**

Thank you for applying. Group members will be contacted by the IEDA upon final work group selections. If you have questions, please contact [jill.lippincott@iowaeda.com](mailto:jill.lippincott@iowaeda.com)