

IN-MaC: Overview and Goals

IN-MaC creates a stronger, more competitive manufacturing ecosystem for Indiana and the nation. IN-MaC does so by mobilizing its resources, expertise and network to strengthen the relationship between workforce education, technology adoption, and manufacturing research to elevate Indiana as the manufacturing destination of choice.

Key Impacts:

- Trained 58 high school educators in an advanced manufacturing program who each trained at least 3 peers across 37 districts that touched more than 3,000 students.
- Serviced 58 manufacturing sites across Indiana with a cumulative benefit of \$21,250,000 from an investment of \$1.76M (12x benefit) and 98 jobs added or retained.
- Connected 67 students with manufacturers across Indiana through a new work-based learning intern and apprenticeship program.
- Supported membership in 4 Manufacturing USA Institutes (NMMI) resulting in 12 awards totaling \$11,210,000 from a \$2M investment (5.6x benefit).
- Invested in 5 SME consortia with 26 paying industry members and \$750,000 in gifts (5.1x benefit).

IN-MaC has launched a **Digital Manufacturing Testbed** that will:

- Conduct research to address digital connectivity barriers and overcome chronic challenges related to Industry 4.0
- Be a demonstration space for the “art of the possible” in a more interconnected enterprise, especially for small and medium sized companies
- Host next generation manufacturing seminars and courses to develop the manufacturing workforce
- Provide technical expertise and production capacity for Indiana startups to scale products locally

Goals through June 2021:

- Expand the delivery of education and workforce development (E&WD) programs to reach 20,000 youth, 3,000 incumbent workers and engage 20 companies
- Impact 65 Indiana manufacturers through the technical adoption and transfer (TA) program, 30 of which will touch underserved regions
- Forge 30 new partnerships with local governments, agencies or allied organizations to expand the reach of programs, especially into less-served areas
- Engage 50 partners in a digital manufacturing testbed to discover, demonstrate and disseminate industry-crucial enterprise, manufacturing, and operations management skills and knowledge
- Assist 14 businesses to develop their manufacturing know-how and locally scale their production beyond prototypes

Participation Reach to Date

