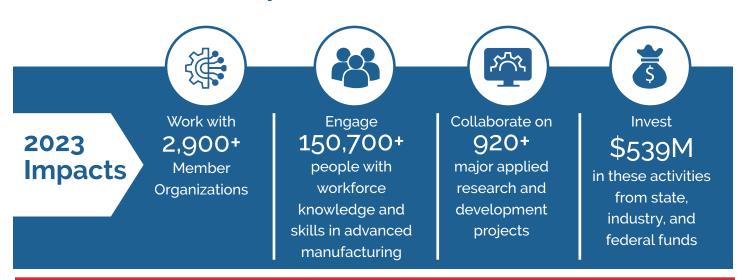
# Manufacturing USA® Securing America's Manufacturing Future

Manufacturing USA exists to secure U.S. global leadership in advanced manufacturing through large-scale public-private collaboration on technology, supply chain, and workforce development. The institutes in the Manufacturing USA network convene business competitors, academic institutions, and other stakeholders to test applications of new technology, create new products, reduce cost and risk, and enable the manufacturing workforce with the skills of the future.

# Our efforts help ensure what's invented here is made here by a skilled American workforce.



### **Improving Our Way of Life**

Innovating products that assist workers, make buildings safer, consume less energy, and save lives. Today's research will improve tomorrow's reality.

## **Strengthening Our Economy**

Leading research and development on critical manufacturing technologies to strengthen U.S. global competitiveness, ensuring our country will reap the rewards of American innovation at scale.

## **Ensuring Our National Security**

Supporting a strong advanced manufacturing sector, critical for our cyber, economic, energy, food, and health security. The network's emphasis on domestic manufacturing and technology will secure American prosperity.

#### **Empowering the Current and Next Generation**

Partnering with educational organizations to teach advanced manufacturing technologies via workshops, courses, internships, and apprenticeships. With this investment in skills, we will create the workforce of the future.





# Manufacturing USA®

# A public-private partnership with U.S. industry and academia

Manufacturing USA includes three agencies and their sponsored manufacturing innovation institutes – the U.S. Departments of Defense (8 institutes), Energy (7 institutes), and Commerce (2 institutes) – along with 6 additional partner agencies. These institutes convene members from the public and private sectors to harness the potential of emerging technologies for large-scale innovation.

#### **Electronics**

#### **Materials**

#### **Energy/Environment**

## **Digital / Automation**

### **Biomanufacturing**



Integrated Photonics

Albany, NY

Rochester, NY



Advanced Fibers and Textiles Cambridge, MA



Industrial Process Decarbonization *Tempe, AZ* 



Additive Manufacturing Youngstown, OH El Paso, TX



Regenerative Manufacturing Manchester, NH



Flexible Hybrid Electronics San Jose, CA



Advanced Composites

Knoxville, TN

Detroit, MI



Sustainable Manufacturing Rochester, NY



Advanced Robotics Pittsburgh, PA



Bioindustrial Manufacturing St. Paul, MN



Wide Bandgap Semiconductors *Raleigh, NC* 



Materials Detroit, MI Caguas, Puerto Rico



Modular Chemical Process Intensification New York, NY



Smart Manufacturing *Los Angeles, CA* 



Biopharmaceutical Manufacturing Newark. DE



Digital Twins for Semiconductor Manufacturing *Durham, NC* 



Cybersecurity in Manufacturing
San Antonio, TX



Digital Manufacturing Chicago, IL

#### **Public Partners**

To promote a robust and sustainable national manufacturing infrastructure, the Manufacturing USA network includes the Department of Commerce, Department of Defense, Department of Energy, along with the Departments of Agriculture, Education, Health and Human Services, and Labor, National Science Foundation, and NASA.

















