

Manufacturing USA is a key U.S. Government program catalyzing public and private investment to improve the competitiveness and productivity of U.S. manufacturing.

The network consists of 14 institutes, each focused on a specific and promising advanced manufacturing technology area. Each institute has two missions: to develop manufacturing technology and to advance skills for the workforce in each institute's manufacturing ecosystem.

With this approach, Manufacturing USA bridges the gap between domestic innovations and products made in the U.S.A.



Process Intensification



REMADE — Reducing **Embodied-energy and Decreasing Emissions**



ARM — Advanced Robotics **Manufacturing Institute** Pittsburgh, PA



ARMI — Advanced Regenerative ? **Manufacturing Institute**





PowerAmerica — Next Generation ? **Power Electronics National** Manufacturing Innovation Institute Raleigh, North Carolina

NextFlex — ♀ America's Flexible **Hybrid Electronics** Manufacturing **Innovation Institute** San Jose, California

NIIMBL — National **Institute for Innovation** in Manufacturing Biopharmaceuticals

CESMII — Clean Energy

Smart Manufacturing

Innovation Institute

Los Angeles, CA

2016

CLEAN ENERGY

SMART

Newark, DE



DMDII — Digital Manufacturing and Design Innovation Institute Chicago, Illinois

America Makes

America Makes — National ?

poster_24x36.indd 1

Additive Manufacturing

Innovation Institute

Youngstown, Ohio

photonics

AIM Photonics — American Institute for Manufacturing **Integrated Photonics**

Albany / Rochester, New York



COMPOSITES Advanced Composites INSTITUTE

IACMI — Institute for **Advanced Composites Manufacturing Innovation** Knoxville, Tennessee

AFFOA — 9 **Advanced Functional Fabrics of America** Cambridge,

Massachusetts

2012 2013 2014 2015

Advanced Manufacturing National Program Office

The vision of Manufacturing USA is U.S. global leadership in advanced manufacturing.





LIFT — Lightweight ?

Detroit, Michigan

Innovations for Tomorrow

















Manufacturing USA Today



