

Manufacturing USA & Regional Economic Development

Embedding MEPs in Mfg USA Institutes

May 23, 2017



**MEP • MANUFACTURING
EXTENSION PARTNERSHIP**



**Manufacturing
USA™**

Hollings Manufacturing Extension Partnership (MEP)

The MEP mission is to enhance the productivity and technological performance of U.S. manufacturing.

- MEP is a national network and the only public–private partnership dedicated to serving SMEs
- Last year, MEP Centers interacted with 25,445 manufacturers, leading to \$9.3 billion in sales, \$1.4 billion in cost savings, \$3.5 billion in new client investments, and helped create and retain more than 86,602 jobs.
- For every \$1 of federal investment, the MEP national network generates \$17.9 in new sales growth for manufacturers.
- For every \$1,501 of federal investment, MEP creates or retains one manufacturing job.





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MEP NATIONAL NETWORK





Why Work with NIST MEP Centers?

From the front door to the back door, from the C-Suite to the plant floor, **MEP Centers work with SMEs** to identify and address their most critical needs, challenges and opportunities.

- **Providing** a **comprehensive consulting business** with a public service mission providing **professional services** at a fraction of the costs of a private firm
- **Connecting** industry to resources including research assets across state & country
- **Serving** as the “voice of the manufacturers & industry”
- **Engaging** SMEs in the difficult conversations to identify growth opportunities & assist in planning & deployment





Strengths & Expertise of the MEP Network

- Capabilities to **leverage innovation assets** wherever they are located
- Capacity to **leverage comprehensive services** utilizing the right resource to fit the SMEs needs and budget
- Experience in **cluster development initiatives** within the state and the region as well as nationally with NIST MEP network partners
- Ability to **engage stakeholder and partner input**
- Track record of **successful collaborations** across regions and industries to better serve SMEs.





MEP-Mfg USA Partnership Goals

- Increase awareness of Mfg USA focus areas and resources
- Ensure the involvement of SMEs in the processes and activities associated with informing and developing the research agendas of the Mfg USA
- Increase SME's participation in Mfg USA research
- Ensure the transition of Mfg USA research results to SMEs for implementation.



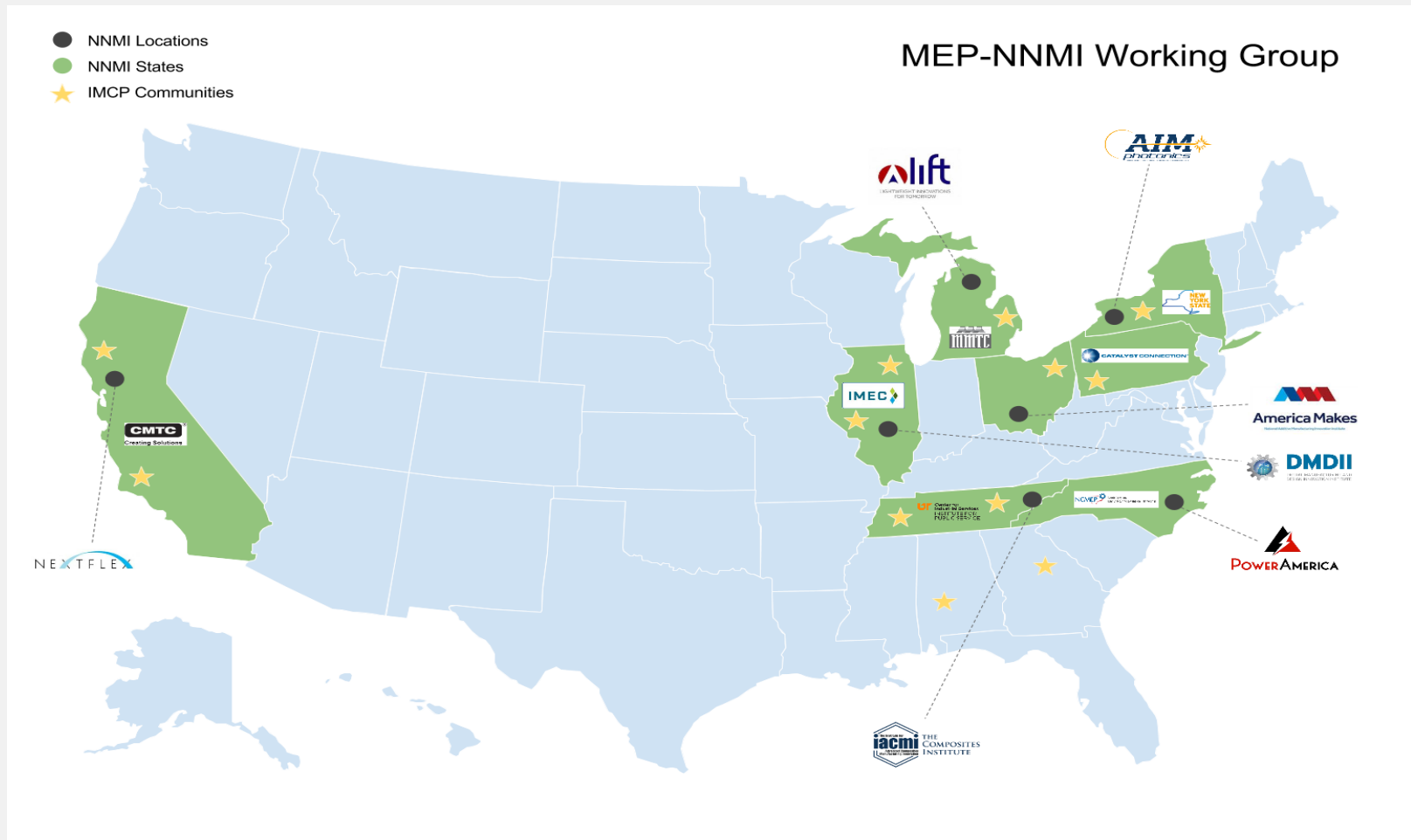


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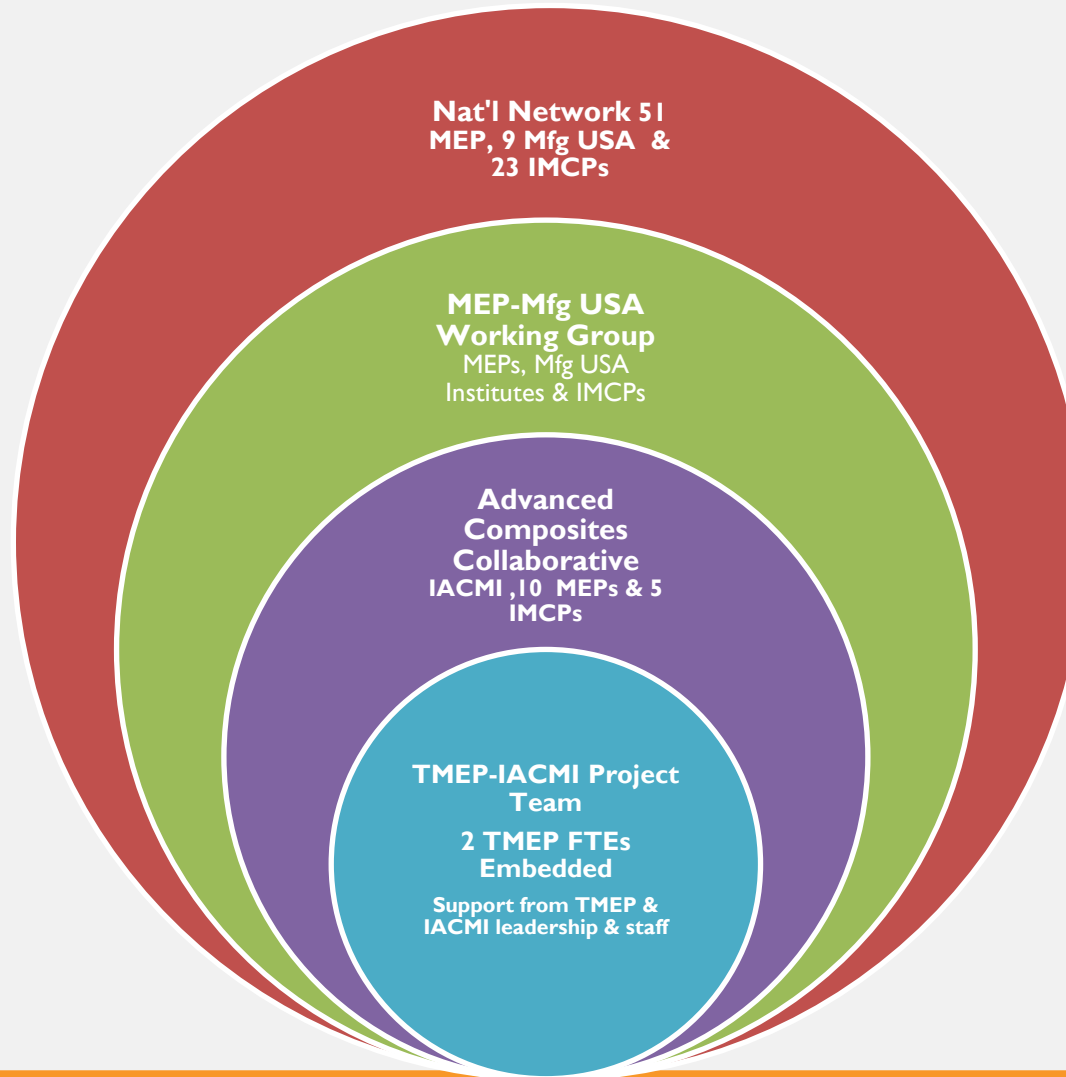
MEP Center	Mfg USA Institute & Area of Focus
California MFG Tech Consulting (CMTC)	Next Flex & CESMII
Illinois MFG Excellence Center (IMEC)	DMDII
Massachusetts MEP	AFFOA
Michigan MFG Tech Center (MMTC)	LIFT
North Carolina MEP	PowerAmerica
New York MEP	AIM Photonics
Pennsylvania MEP	America Makes
UT CIS – TMEP	IACMI



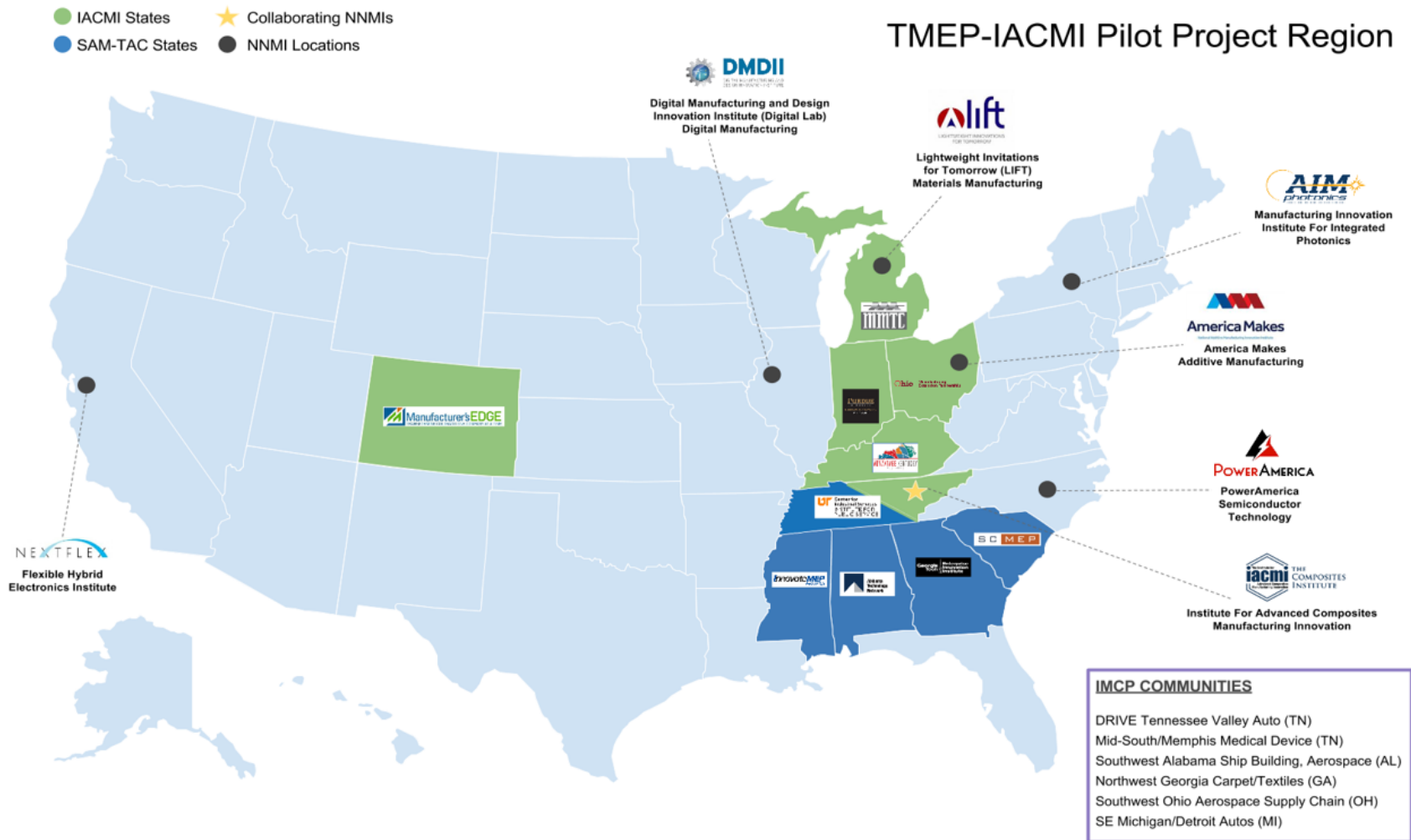
National MEP-Mfg USA Small Manufacturing Development Network




TMEP-IACMI Pilot Project Ecosystem



Regional Partnership for TMEP-IACMI



A man in a plaid shirt and jeans is walking through a factory aisle, carrying a large black box. The factory floor is blue and shiny, with various pieces of equipment and shelving units visible in the background.

Increase Awareness

Develop &
Deploy Train
the Trainer

Host Regional
Roundtables

Coordinate Outreach

MEP
Outreach
Specialist

Translate &
Communicate

Workforce

Tool Kit - Gap
Analysis &
Planning
Services

Pre & Post
Work for
SMEs

The Benefits to Mfg USA

- Increased collaboration – NIST MEP, Manufacturing USA, IMCPs and other resources
- Increased awareness of networks and services
- Knowledge sharing & increased economic impacts
- Development of subject matter experts for system and networks
- Models are scalable and flexible
- Demonstration of value & ROI for federal agencies
- Increase in reach & service to SMEs
- Development of institutional knowledge & ability to test “promising practices” for data sharing



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