Embedding MEPs in Mfg USA Institutes
May 23, 2017
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.
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.
# Embedding MEP into Mfg USA Institutes

<table>
<thead>
<tr>
<th>MEP Center</th>
<th>Mfg USA Institute &amp; Area of Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>California MFG Tech Consulting (CMTC)</td>
<td>Next Flex &amp; CESMII</td>
</tr>
<tr>
<td>Illinois MFG Excellence Center (IMEC)</td>
<td>DMDII</td>
</tr>
<tr>
<td>Massachusetts MEP</td>
<td>AFFOA</td>
</tr>
<tr>
<td>Michigan MFG Tech Center (MMTC)</td>
<td>LIFT</td>
</tr>
<tr>
<td>North Carolina MEP</td>
<td>PowerAmerica</td>
</tr>
<tr>
<td>New York MEP</td>
<td>AIM Photonics</td>
</tr>
<tr>
<td>Pennsylvania MEP</td>
<td>America Makes</td>
</tr>
<tr>
<td>UT CIS – TMEP</td>
<td>IACMI</td>
</tr>
</tbody>
</table>
National MEP-Mfg USA Small Manufacturing Development Network

MEP-NNMI Working Group

NNMI Locations
NNMI States
IMCP Communities

Center for Industrial Services
INSTITUTE FOR PUBLIC SERVICE
TMEP-IACMI Pilot Project Ecosystem

- Nat'l Network 51
  MEP, 9 Mfg USA & 23 IMCPs

- MEP-Mfg USA Working Group
  MEPs, Mfg USA Institutes & IMCPs

- Advanced Composites Collaborative
  IACMI, 10 MEPs & 5 IMCPs

- TMEP-IACMI Project Team
  2 TMEP FTEs Embedded
  Support from TMEP & IACMI leadership & staff
Regional Partnership for TMEP-IACMI
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
For more information contact:

Jennifer Hagan-Dier  
TMEP Director

jennifer.hagan-dier@tennessee.edu

Erin Ketelle  
TMEP-IACMI Project Manager

erin.ketelle@Tennessee.edu

Danny Norman  
Advanced Composites Technical Consultant

dnorman3@Tennessee.edu

James Ruble  
Advanced Composites Outreach Consultant

jruble3@Tennessee.edu