MEP Advisory Board

March 9, 2022
FACA Board Meeting

This is a simplified version of the presentation for website purposes. A full version may be requested by emailing Cheryl.Gendron@nist.gov
FACA and the Advisory Board

- The MEP Advisory Board is authorized under Section 3003(d) of the America COMPETES Act (Pub. L. 110–69), as amended by the American Innovation and Competitiveness Act, Public Law 114–329 sec. 501 (2017), and codified at 15 U.S.C. 278k(m), in accordance with the provisions of the Federal Advisory Committee Act, as amended, 5 U.S.C., App.
Welcome from Board Chair

- Matthew Newman, MEP Advisory Board, Chair
  - Welcome New Members
  - Review the Agenda
Kathay Rennels – Thank You for Your Service

Special Advisor to the Chancellor for Rural-Urban Initiatives Colorado State University System

Two Terms of Board Service: March 1, 2016 – February 28, 2022
MAB Meeting Details

- **Wednesday, March 9, 2022**
- Board Meeting Opening/Logistics
- Welcome and Introductions
- Opening Remarks and Welcome
- Board and Audience Roll Call
- MEP Director’s Update
- Presentation: MEP Program Performance Overview
- Presentation: Looking at Partnerships Through the Lens of Economic Development
- Working Group Update: Supply Chain Development
- Working Group Update: Strategic Plan 2023-2028
- Working Group Update: Executive Committee
Welcome and Introductions

- James K. Olthoff, Performing the duties of the NIST Director
- Mojdeh Bahar, NIST, Associate Director, Innovation and Industry Services
- Pravina Raghavan, MEP Director
The MEP Advisory Board

- Chair: Matthew Newman, New Era Advisors, Inc.
- Vice Chair: Mary Isbister, GenMet Corp

- Ray Aguerrevere, Custom Metal Fabricators
- Jose Anaya, El Camino Community College
- Don Bockoven, Fiber Industries LLC
- LaDon Byars, Colonial Diversified Polymer Products, LLC
- Bernadine Hawes, Econsult
- Miriam Kmetzo, Welding Technology Corp
- Mitch Magee, Consultant
- Pat Moulton, VT Tech
- George Spottswood, Quality Filters, Inc
- Leslie Taito, Taco Comfort Solutions
- Jim Wright, Proof Research
NIST MEP Leadership & Division Chiefs

• Pravina Raghavan, Director

• Rob Ivester, Deputy Director

• Jose Colucci-Rios, Acting Division Chief for Extension Services
• J. Chancy Lyford, Division Chief for External Affairs, Performance and Support
• Kevin McIntyre, Division Chief for Finance Management and Center Operations
• Mary Ann Pacelli, Division Chief for Network Learning and Strategic Competitions
• Mark Schmit, Division Chief for Regional and State Partnerships
MEP Center Directors

- **Black, Steve** - UT MEP, University of Utah Manufacturing Extension Partnership
- **Brinkman, Buckley** - WI MEP, Wisconsin Center for Manufacturing & Productivity
- **Coast, Michael** - MI MEP, MMTC
- **Cruise, Dusty** - MO MEP, Missouri Enterprise
- **Riegner, Rikki** - PA MEP
- **Rodrigues, Alyssa** - Alaska MEP
Other Registered Guests

Ayala, Mellissa - NIST MEP
Ausherman, Nicole - NIST MEP
Barnes, Robert - NIST MEP
Berglund, Dan - SSTI
Blum, Megean - NIST MEP
Campbell, Steve - NIST MEP
Cassady, Amber - Lewis-Burke Associates, LLC
Chaiken, Scott - MMTC
Chilstrom, Allegra - Neal R. Gross & Co., Inc.
Claussen, Monica - NIST MEP
Connolly, Peter - Shock Tech
Danner, Larry - The Clearing
Davis, Melissa - NIST MEP
DeJesus, Nadine - NIST MEP
Devereaux, Doug - NIST MEP
Durham, Emily - Lewis-Burke Associates, LLC
Esoda, Eric - NEPIRC
Other Registered Guests

Gendron, Cheryl - NIST MEP
Gilles, Joylynn - Wisconsin Center for Manufacturing and Productivity
Graham, Laura - SSTI
Henderson, Diane - NIST MEP
Hernandez, Autumn - NIST MEP
Hines, Carrie - American Small Manufacturers Coalition
Hoag, KeAnne - NC MEP
Johnson, Eliot - The Clearing
Lagas, Brian - NIST MEP

Lequin, Wiza - NIST MEP
Luckett, Mia - Lewis-Burke Associates, LLC
Mackey, Drew - NEPIRC
Mastalski, Anthony - NIST MEP
Mathews, G. Christopher - National Custom Hollow Metal Doors and Frames
Mayton, Heather - NIST MEP
Meritis, Dimitrios - NIST MEP
Mitchell, Petra - Catalyst Connection
Mocca, Justin - NIST MEP
Other Registered Guests

Parker, Annette - South Central College
Peterson, Andrew - NIST MEP
Pinckney, Kim - NIST MEP
Rapp, Katie - NIST MEP
Reidy, Kari - NIST OCLA
Rosa, Jennifer - NIST MEP
Riethm, Kirsten - RTI
Shibley, Carol - NIST MEP
Taylor, Michael - NIST MEP

Thomas, Carroll, NIST MEP
Thomas, Nico, NIST MEP
Vickery, Ben, NIST MEP
Wadsworth, Phill - NIST MEP
Walker, Marlon - NIST MEP
Webb, Samm - NIST MEP
Weiss, Brian - NIST
Williams, Thomas - NIST MEP
Wilson, Michael - NIST MEP
1. Legislative & MEP Program Budget Updates

2. Plan for Additional Funding

3. MEP National Network Updates

4. MEP National Network Current Strategic Plan Update
Legislative & MEP Program Budget Updates
## MEP Program Budget Outlook

<table>
<thead>
<tr>
<th>FY 2021 Appropriation Status</th>
<th>FY 2022 Appropriation Status</th>
<th>FY 2022 Appropriation Status Outlook</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Base funding: $150 million; $4 million increase over FY20.</td>
<td>• Currently under CR through March 11.</td>
<td>• House passed FY22 Omnibus language this morning.</td>
</tr>
<tr>
<td>• Funding not subject to cost share requirements; elective for Centers receiving state funds conditioned on federal cost share requirement.</td>
<td>• President’s budget, House bill contain $275 million for MEP.</td>
<td>• Another short-term CR expected to 3/15.</td>
</tr>
<tr>
<td></td>
<td>• Senate mark is $175 million.</td>
<td>• $158 million for MEP.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Cost share exemption in.</td>
</tr>
</tbody>
</table>
## NIST MEP Projected Spend Plan Through March 11, 2022

<table>
<thead>
<tr>
<th>Available Funding:</th>
<th>$ Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR Appropriation</td>
<td>66.6</td>
</tr>
<tr>
<td>Carryover from FY 2021</td>
<td>2.0</td>
</tr>
<tr>
<td>Funding from Other Agencies*</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Total Available Funding</strong></td>
<td><strong>68.6</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Planned Expenditures:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Renewals</td>
<td>58.0</td>
</tr>
<tr>
<td>Strategic Competitions</td>
<td>0.0</td>
</tr>
<tr>
<td>Contracts</td>
<td>1.2</td>
</tr>
<tr>
<td>NIST MEP Labor</td>
<td>5.2</td>
</tr>
<tr>
<td>NIST and Program Overhead</td>
<td>4.2</td>
</tr>
<tr>
<td><strong>Total Planned Expenditures</strong></td>
<td><strong>68.6</strong></td>
</tr>
</tbody>
</table>

Projected FY 2021 Efficiency Rate = 11.48%; actual FY 2020 Efficiency Rate = 9.03%

* Funding from DOD for Contracts and Project Support
Plan for Additional Program Funding
What Is the Plan for Any Additional Funding?

- Awards will occur through a CAP award
- No cost share requirement
- Focused on three program
Program Themes

Supply Chain  Workforce  Technology and Innovation
## Program Theme Example (Workforce)

**Fund Center-specific projects including:**

<table>
<thead>
<tr>
<th>Potential Project</th>
<th>Manufacturer impact</th>
<th>Workforce impact</th>
<th>Metrics</th>
<th>Project Pricing Estimates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expand manufacturing apprenticeships and include a diverse workforce</td>
<td>• Upskilled workforce</td>
<td>• Diversity of new workforce</td>
<td>• # of companies participating</td>
<td>• $150,000-$500,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Skilled workforce</td>
<td>• # of new apprenticeships</td>
<td>(this could pay for staff,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• # of underrepresented people in apprenticeship</td>
<td>trainers, materials,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• # of minority-serving institutions (MSI)</td>
<td>depending on how long</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>participating</td>
<td>and how many different</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• # of new partners engaged to support statewide efforts</td>
<td>types of apprenticeships.)</td>
</tr>
<tr>
<td>Expand/develop new workforce training with local and state partners (e.g., industry supported bootcamps)</td>
<td>• Access to skilled workforce</td>
<td>• Job placement</td>
<td>• # of companies participating</td>
<td>• $100,000 - $400,000</td>
</tr>
<tr>
<td></td>
<td>• Jobs filled</td>
<td></td>
<td>• # of new placements</td>
<td>(like apprenticeship, costs are for staff, materials, trainers. A smaller center could do a lot with $100K for 1-2 years)</td>
</tr>
<tr>
<td></td>
<td>• Input to current and future education and training programs</td>
<td></td>
<td>• # of underrepresented people trained</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• # of underrepresented people placed</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• # of MSI participating</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• # of new partners engaged to support statewide efforts</td>
<td></td>
</tr>
<tr>
<td>Promote advanced workforce practices to improve culture, especially through HBCUs, with a focus on diversity, equity and inclusion (e.g., implement and enhance Smart Talent)</td>
<td>• Retention of skilled workforce</td>
<td>• Job satisfaction</td>
<td>• # of companies with projects</td>
<td>• $200,000-$400,000</td>
</tr>
<tr>
<td></td>
<td>• Improved recruitment success</td>
<td></td>
<td>• Turnover rate improvement</td>
<td>(Depending on project</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Demographic data tracked (yes/no)</td>
<td>timeline-$400K would be</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• What are you tracking?</td>
<td>for up to 3 years</td>
</tr>
</tbody>
</table>
How Will MEP Centers Participate?

• MEP Centers will choose tactics that are most relevant to their MEP Center and state
  • Pick and choose from any of the program themes
  • Pick one or multiple tactics across the program themes
  • Proposed funding levels:
    • Up to $1 million per MEP Center proposal, and
    • Up to $5 million for multiple MEP Center proposal
• Engage with other MEP Centers and states to explore potential proposal partnerships
Important Dates

- NIST MEP posted program themes on the MEP website and MEP Connect on Feb. 23
- Notice Of Funding Opportunities (NOFO) is being released today
- Funding levels are expected to be announced by March 11
- MEP Center CAP proposals are due May 1, 2022
- NIST MEP must submit final MEP Center proposal packages to NIST Grants Division by July 1
- Funding is expected to be awarded to the MEP Centers in late September 2022
Strategic Competition Update

- FY 2022 Center State Competition
  - Notice of Funding Opportunity (NOFO) for group one (KY, NE, RI and SD) posted on grants.gov on Jan. 26, 2022
    - Applications are due **April 26, 2022**
    - Awards will be announced **Oct. 2022** for **Jan. 1 2023** start
  - Award recommendations must be made to GMD no later than **July 8, 2022**
  - NOFO for Group 2 (AZ and MD) will be posted in **June 2022**
    - Applications will be due in **mid-September 2022**
    - Awards will be announced **April 2023** for **July 1, 2023** start

A virtual informational session was held on Feb. 14, 2022 and a recording of that webinar can be accessed at: [https://bluejeans.com/s/cipYJUMNK6A](https://bluejeans.com/s/cipYJUMNK6A)
Strategic Competition Update

MEP Disaster Assessment Program (MDAP)

• Applications must be received by NIST no later than 60 calendar days following the date that a major or an emergency disaster declaration is declared by FEMA

• Two fundable applications (TX, LA) are on hold due to budget constraints

CARES Act results through FY21

• Additional information will be shared during the FACA meeting

• 2021 DOC Organizational Gold Medal to NIST MEP
MEP National Network Updates
MEP National Network Center Leadership Team (CLT)

- Buckley Brinkman (WI)
- Tom Bugnitz (CO)
- Alyssa Rodrigues (AK)
- Mike Coast (MI)
- Bill Donohue (VA)
- Jennifer Sinsabaugh (NM)
- Rob Ivester (NIST MEP)
- Ethan Karp (OH)
- Kathie Mahoney (RI)
- Jim Watson (CA)
- Tiffany Stovall (KS)
- Carrie Hines (ASMC/FORME)
- Mark Schmit (NIST MEP)
- Pravina Raghavan (NIST MEP)
New MEP Center Directors

- Dayna Blanchard, MEPoL
- Andy Carr, South Carolina MEP
- Jodie Mjoen, Impact Dakota
- Aaron Patrick, Ohio MEP
- Rodney Reddic, TMAC

Interim Center Directors

- Carolyn Miller, Mississippi Manufacturers Assoc.
- Jennifer Hagan-Dier, Manufacturer's Edge
- Gregory Head, Advantage Kentucky Alliance
Center Board Support

NIST MEP Network Learning has been coordinating MEP Center Board support since 2017

- Offer Board member assessments using an MEP-centric assessment tool. Results are confidential
- Offer action planning sessions as a result of the assessments and workshops targeted to specific needs of Boards. Sessions have covered topics such as strategic planning, advocacy, and Board recruitment

MEP BoardSource subscription
A nationally recognized organization whose mission is to increase effectiveness in board governance, education and training. Valuable for both Center Directors and Center Board Members

Subscription gives access to the various best practices, blogs, studies and various governance materials. MEP has a dedicated link to access the site in MEP Connect in the Board Governance tab

Board Support
35 states (and 37 SRAs) have used some form of board development services:
- 25 assessments
- 19 action planning consulting
- 15 workshops
- 10 individual consults
Network Learning Events

- **Center Director Executive Support Program**
  - New program in development will offer a range of resources to support Centers (will launch Sept. 2022)
  - Engaging Center Directors in the design and delivery of the program
  - Will provide a wide range of resources to meet the varied needs of individual directors and local circumstances
    - Program includes series of workshops, facilitated panel discussions and peer to peer councils

- **Tab Wilkins Emerging Leaders Program (TWEL)**
  - Current 1.13 cohort will graduate in April
  - TWEL nominations for Class 1.14 open for nominations

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**MEPNN New Employee Orientation**

Mar. 29 @ 2 p.m. EDT

**New MEP Center Board Member Orientation**

Mar. 31 @ 2 p.m. EDT

**New MEP Center Director Orientation and Onboarding**

Two half-days (new format) Jan. 18 and 26, 2022
Center Directors: Alumni of the TWEL Program

- Andy Carr, SC MEP, Class 1.9
- Dusty Cruise, Missouri Enterprise, Class 1.2
- Wayne Inouye, Hawaii Tech Corp, Class 1.4
- John W. Kennedy, NJ MEP, Class 1.6
- Kathie Mahoney, Polaris MEP, Class 1.5
- Carolyn Miller, MS Manufacturers Assoc., Class 1.2
- Phillip Mintz, NC MEP, Class 1.2
- Aaron Patrick, Ohio MEP, Class 1.8

- Keith Phillips, Alabama Tech Network, Class 1.5
- Dwaine Raper, TN MEP, Class 1.9
- Rikki Riegner, PA MEP, Class 1.11
- Jennifer Sinsabaugh, NM MEP, Class 1.1
- Rustyn Stoops, DE MEP, Class 1.7
- Tiffany Stovall, KMS, Class 1.7
- Deloit R. Wolfe Jr., Impact Washington, Class 1.9
Network Learning: Connect, Communicate and Collaborate

Network Learnings Corner in the Network News

- To effectively share, transfer and discuss NIST MEP’s vision, learnings, distinctive practices, meeting and webinar recordings, programs, success stories, and special announcements
NIST MEP: National Network Support

Notable Center Service Areas

Cybersecurity

- Continued awareness & training on primarily DFARS or Ransomware-related
- Creating internal and external partnerships

Advanced Manufacturing Technology/Industry 4.0

- Opportunity for increased SMM adoption due to workforce challenges exacerbated by the pandemic
- Increased Center participation via NIST MEP special project awards and the Industry 4.0 working group
NIST MEP: National Network Support

**MATTR**

- Continuing to operationalize at Centers and increase awareness, participation of NIST Labs – focus on MATTR value for manufacturers, Centers, NIST
- Three active CRADAs involving NIST Labs, MEP Center clients and NIST MEP

**Food Industry Services/Food Safety**

- Active partnerships with FDA and FSPCA focused on food safety
- All 51 Centers participating in Food Working Group
NIST MEP: National Network Support for Supplier Scouting

NIST MEP Prepares Report
Prepares scouting results report and will request submitter to follow-up with NIST MEP.

Supply Chain Need Identified
MEP Supplier Scouting Opportunity
Synopsis is created with assistance from NIST MEP.

Aggregate Results
NIST MEP will gather, analyze and aggregate MEP Center submissions.

NIST MEP Distributes
MEP Centers conduct a nationwide search for U.S. manufacturers.

Visit www.nist.gov/mep/supplier-scouting for more information
MEP National Network
Current Strategic Plan Update
MEP National Network™ 2017-2022 Strategic Goals

**Objective**—assist U.S. manufacturers in embracing productivity-enhancing innovative manufacturing technologies, navigate advanced technology solutions and recruit and retain a skilled and diverse workforce.

**Objective**—actively promote the importance of a strong manufacturing base as key to a robust U.S. economy and for the protection of national security interests; create awareness of innovations in manufacturing; create workforce development partnerships to build a stronger and diverse workforce pipeline; and maximize market awareness of the MEP National Network.

**Objective**—leverage national, regional, state and local partnerships to gain substantial increase in market penetration; identify mission-complementary advocates to help MEP become a recognized manufacturing resource brand; build an expanded service delivery model to support manufacturing technology advances.

**Objective**—maximize National Network knowledge and experience to operate as an integrated national network; increase efficiency and effectiveness by employing a Learning Organization platform; and create a resilient and adaptive MEP National Network to support a resilient and adaptive U.S. manufacturing base.
Measures for the Current Strategic Plan

1. Strengthening the National Supply Chain
2. Serving the Manufacturing Workforce
3. Increasing Awareness
4. Leading in Technology Deployment
18 Month Measures of Success

1. Strengthening the National Supply Chain
   Increase supplier matches and clients served in critical areas

2. Serving the Manufacturing Workforce
   Increase client engagement in workforce services

3. Increasing Awareness
   Amplify and measure Network brand awareness

4. Leading in Technology Deployment
   Increase client engagement in technology services and implementation
Measure One: Strengthening the National Supply Chain

- Supplier scouting requests
- Successful scouts – matching buyers and sellers
Measure One – Strengthening the Supply Chain

Goal: Increase Supplier Scouting requests by 10%

- Baseline: 124
- Update Through 2021Q4 (6 Months): 58
- Goal: 137

Goal: Increase successful Supplier Scouting matches by 10%

- Baseline: 298
- Update Through 2021Q4 (6 Months): 80
- Goal: 328
Measure Two: Serving the Manufacturing Workforce

- Clients and/or projects in workforce-related services
Measure Two – Serving the Manufacturing Workforce

Goal: Increase clients engaged with workforce projects by 10%
Measure Three: Increasing Awareness

- Count occurrences of the hashtag #MEPNationalNetwork
- Count of online mentions of brand terms “MEP National Network” and “NIST MEP”
- Total subscribers to the NIST MEP Blog
- Aggregate count of backlinks
- Number of followers on NIST MEP’s Facebook, Twitter and LinkedIn pages
# Measure Three – Increased Awareness
## Goal: Amplifying Network Brand Awareness by at least 10%.

<table>
<thead>
<tr>
<th>Brand Measure</th>
<th>Baseline for Current 18 Months*</th>
<th>Progress To Date</th>
<th>New Goal for Current 18 Months</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>#MEPNationalNetwork Hashtag Occurrences</td>
<td>567</td>
<td>608</td>
<td>624</td>
<td>+7%</td>
</tr>
<tr>
<td>Brand Mentions</td>
<td>194</td>
<td>202</td>
<td>213</td>
<td>+4%</td>
</tr>
<tr>
<td>Manufacturing Innovation Blog Subscribers</td>
<td>40,130</td>
<td>44,809</td>
<td>44,143</td>
<td>+12%</td>
</tr>
<tr>
<td>Backlinks</td>
<td>186</td>
<td>204</td>
<td>205</td>
<td>+10%</td>
</tr>
<tr>
<td>Social Media Followers</td>
<td>18,419</td>
<td>18,742</td>
<td>20,261</td>
<td>+2%</td>
</tr>
</tbody>
</table>

Measure Four: Leading in Technology Deployment

- Clients and/or projects in technology services
- MATTR engagements
Measure Four – Leading in Technology Deployment

Goal: Increase clients engaged with technology services projects by 10%

Baseline: 983
Update Through 2021Q4 (6 Months): 763
Goal: 1,081

Goal: Increase MATTR requests/inquiries by 10%

Baseline: 25
Update Through 2021Q4 (6 Months): 7
Goal: 28
MEP Program Performance Overview

- Presentation: Pravina Raghavan, NIST MEP Director
Looking Back: FY21 Impact Survey Results

125,746 JOBS Created or Retained

$14.4

$15.7 BILLION
In New and Retained Sales

$5.2

$4.5 BILLION
In Total Investment in U.S. Manufacturing

$1.5

$1.5 BILLION
In Cost Savings

Results are based on FY 2021 MEP National Network Client Impact Survey
MEP CARES Act Results

CARES ACT Results Through January 2022

- MEP Centers served 5,300 companies with 7,300 CARES Act-funded projects
- 2,287 companies received MEP services for the first time as a result
- 5,300 unique clients served with over 7,300 projects

Impacts Directly Attributable to the CARES Act*

- 17,385 jobs created or retained
- 1.5 billion in new and retained sales
- 482 million in new investment in U.S. manufacturing
- 175 million in cost savings

*Results are based on MEP National Network Client Impact Survey
MEP National Network Rising to the Challenge

- Assessed the pandemic’s impact on manufacturing
- Forged partnerships and created connections
- Helped manufacturers pivot
- Evolved operations in a new normal
Success Stories

Pivot to produce PPE, medical supplies and medical devices

Supplier Scouting

Workforce
Key Takeaways

- Manufacturers adapted
- Manufacturing thrived
- New partnerships developed
Looking at Partnerships Through the Lens of Economic Development

- Presentation: Pravina Raghavan, NIST MEP Director
MEP National Network Strategic Partnerships

• The MEP program
  • Serves as a bridge to other organizations and federal research labs that share a passion for enhancing the manufacturing community
  • Fosters, develops and leverages these relationships
  • Permits MEP Centers to expand the reach and value of the program to the manufacturing industry
Value of Partnerships

- Public-private partnerships can bring to manufacturers capabilities that they cannot access alone.
- Our understanding of and ability to align state, regional and local policy goals and objectives with national policy goals, leverages the strength of each entity.
MEP Centers Connect Manufacturing Ecosystems

***Based on MEP Center Partner reporting in MEIS as of February 2022
Existing Partnerships

Federal Government Partners:
EDA Economic Development District
EDA Trade Adjustment Assistance Center
EDA University Center
Federal Laboratory
DOE Industrial Assessment Center
Procurement Technical Assistance Center
Small Business Development Center (SBDC)
ITA US Export Assistance Center

State/Local Government Partners:
Local government (e.g., Mayor or Council)
State Commerce/Economic Development Agency
State Energy/Environment Protection Agency
State Science or Technology Agency
State Workforce/Labor Agency

Local/regional Economic Development Orgs:
Workforce Investment Board

Non-Profit Orgs:
Foundations
Manufacturing Alliances

Associations:
Chamber of Commerce
Industry/Trade Association

Higher Education:
Community Colleges
Technical College
University

Other Partners:
Other MEP Centers
Power/utility
Manufacturers
The MEP National Network’s Partners are Vast
DOD Partnerships Benefit Manufacturers

- Successful partnerships with the Office of Local Defense Community Cooperation (OLDCC), formerly the Office of Economic Adjustment (OEA) provide additional Center funding.

- Since 2016, over 30 MEP Centers have received awards from OLDCC’s Industry Resilience and Defense Manufacturing Community Support Programs.

- MEP identifies manufacturers in the DOD supply chain and work with them to adapt to new economic realities (including responsiveness to cybersecurity initiatives and threats), retain employees, preserve key defense critical capabilities, and grow profitably.
Potential New Partners to Consider

- Minority Service Institutions
  - Historically Black Colleges and Universities
  - Professional Associations
  - Minority Business Development Centers

- Community Development Financial Institutions

- State Small Business Credit Initiative Program
Partnerships: Future Strategy

- Who do we need to fill the gaps?
  - Are there individual state gaps?
- Do we prioritize certain partnerships?
  - Is there a national or state value to certain ones?
  - Top down and bottom up
- Do we pilot a few?
- Challenges or barriers?
MEP Advisory Board Working Group Updates
Supply Chain Development Working Group

• Committee Members
  • Board Leadership
    Don Bockoven
  • Board Members
    Ray Aguerrevere, LaDon Byars, Mary Isbister, Matt Newman
  • NIST MEP Support
    Rob Ivester

**Deliverable** - Guidance and perspectives on the MEPNN support and development of manufacturing supply chains with an emphasis on how coordination and execution of MEP services can improve supply chain resilience, and improve global competitiveness for key products and critical technologies.
MEPNN Strategic Plan Working Group 2023-2028

• Committee Members
  • Board Leadership
    Bernadine Hawes
    Jim Wright
  • Board Members
    Don Bockoven, Mary Isbister, Miriam Kmetzo, Mitch Magee, Matt Newman
  • Past Board Member
    Kathay Rennels
  • NIST MEP Support
    Mary Ann Pacelli, Cheryl Gendron, Wiza Lequin

Deliverable - To provide long-term program direction, guidance and perspectives for the MEP National Network Strategic Plan for 2023-2028. The WG will consider feedback from Centers, stakeholders, partners, management and staff as the plan is developed
MEP National Network™ 2017-2022 Strategic Goals

**Objective**— assist U.S. manufacturers in embracing productivity-enhancing innovative manufacturing technologies, navigate advanced technology solutions and recruit and retain a skilled and diverse workforce.

**Objective**— actively promote the importance of a strong manufacturing base as key to a robust U.S. economy and for the protection of national security interests; create awareness of innovations in manufacturing; create workforce development partnerships to build a stronger and diverse workforce pipeline; and maximize market awareness of the MEP National Network.

**Objective**— leverage national, regional, state and local partnerships to gain substantial increase in market penetration; identify mission-complementary advocates to help MEP become a recognized manufacturing resource brand; build an expanded service delivery model to support manufacturing technology advances.

**Objective**— maximize National Network knowledge and experience to operate as an integrated national network; increase efficiency and effectiveness by employing a Learning Organization platform; and create a resilient and adaptive MEP National Network to support a resilient and adaptive U.S. manufacturing base.
Overview of the Strategic Planning Process

Buy-In from Stakeholders

Strategic Planning Committee (SPC)

American Manufacturing Ecosystem Subcommittee

National Network Subcommittee

State and Legislative Subcommittee

SPC

Advisory Board and Working Group

Director of MEP

NIST/Department of Commerce

Preparation

Situation Analysis Research

Mine Available data and prior work:
- Prior Strategic Plan
- MEP Advisory Board Strategic Plan Working Group
- CLT Strategy Group
- MEP Strategy Group
- ASMC Strategy work
- MEP resources

Gather data from identified sources:
- Interviews with Adv. Board members, Center Directors, Center Boards, MEP staff, others as identified
- Research domains and fields as identified by Subcommittees and other sources

Formulation and Dissemination
<table>
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<tr>
<th>Activity</th>
<th>November</th>
<th>December</th>
<th>January</th>
<th>February</th>
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<tr>
<td>Strategic Planning Committee (SPC) Kick Off</td>
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<td>Regular SPC Meetings</td>
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<td>Situational Analysis of the American Manufacturing Ecosystem</td>
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<td>Situational Analysis of the National Network and its stakeholders</td>
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<td>Situational Analysis of the state and national political environments</td>
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<td>Presentation of Subcommittee Recommendations to the Advisory Board for Review and Input</td>
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<td>Drafting of the Strategic Plan by the SPC with Advisory Board Input</td>
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<td>Approval of the Strategic Plan by MEP Director</td>
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<td>Submission of the Strategic Plan to NIST and Department of Commerce for Approval</td>
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<td>Presentation and Socialization of Strategic Plan</td>
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Executive Committee Working Group

• Committee Members
  • Board Leadership
    Mary Isbister
  • Board Members
    Mitch Magee, Pat Moulton, Matt Newman, George Spottswood
  • NIST MEP Support
    Pravina Raghavan, Cheryl Gendron, Phill Wadsworth, Wiza Lequin

Deliverable - Provide guidance on future MEP Advisory Board leadership and membership recruitment, provide insights into cultivating strong Board governance as well as explore ways to expand the MEP Advisory Board’s role in regard to the local MEP Center Boards.
MEP Advisory Board: Other Discussion Topics

- **Succession planning into the future**
  - Goals – diverse membership with matching the statutory requirements.
  - Appointed by the NIST Director.
  - Three proposed candidates currently being vetted through DOC and NIST.
  - Seats open on a rolling basis.
    - Recommendations from Center Directors.
    - Federal Register Notice: Call for Nominations.

- **2021 MEP Advisory Board Report coming soon**
  - Will be submitted to the DOC in the coming weeks.
  - DOC will approve and distribute to Congress.
  - Once with congressional representatives, members may share and the report will be published on the NIST MEP website.
MEP Advisory Board: Local Center Board Outreach

Opportunities to create connection with volunteers across the Network.
• Contact with 51 Center Board Directors by the MAB Outreach Team (email, phone calls)
• Connections made over the last year continue; include informal conversations and attendance at board meetings; continuing into 2022

Discussions around:
• Source of feedback to MAB in its advisory role
• Communication of and feedback on key National Network initiatives
• Help leverage Network resources:
  • Quarterly orientations for Center Board Members
  • BoardSource memberships
  • Board development programs (governance, leadership, advocacy, strategic thinking and more!)
• Showing appreciation to the state board chairs for their time and commitment

Center Board Outreach
Program Goal:
Enhance strength of relationships between national and local boards
2022 Meeting Schedule
Planning Continues: Details Coming Soon

MEP Advisory Board
Wednesday, June 8, 2022
Tulsa, Oklahoma or Virtual

MEP Advisory Board
Tuesday, Sept. 20, 2022
Chicago, Illinois
Co/Located with the MEP National Network Update meeting and the FORME Center Best Practice Conference
Thank You

For the Full Presentation, Please contact Cheryl Gendron at
Cheryl.Gendron@nist.gov

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