Weaving State and Federal Manufacturing Support Strategies through Regional Consortia

February 7, 2024, 1:30-2:30 PM
AMCC has a history supporting bottom-up approaches to regional sustainable development.
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2014

A New Federal Policy Model Emerges

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“The IMCP is designed to reward communities that demonstrate best practices in attracting and expanding manufacturing by bringing together key local stakeholders and using long-term planning that integrates targeted public and private investments across a community’s industrial ecosystem to create broad-based prosperity.” – EDA Fact Sheet (2013).

Communities meet rigorous selection criteria with 3 key elements:

1. Organize a diverse regional public/private backbone organization.
2. Conduct a regional SWOT analysis.
3. Create a regional plan that strengthens the Big 6 areas essential for a thriving manufacturing ecosystem: 1) Workforce and Training, 2) Research and Innovation, 3) Infrastructure and Site Development, 4) Supply Chain Support, 5) Trade & International Investment, and 6) Operational Improvement & Capital Access.

• Over 70 US regions first apply for IMCP designations showing large demand

2016

24 Regions Designated as IMCP Communities in 2 Years

• Designation came with technical assistance, some preference for grants, branding
• Community of practice develops amongst the regions

IMCP Ends, but Bottom-up Leadership Persists

Regional consortia leaders double-down on collaboration:

• Stakeholders continue holding weekly national conference call meetings
• Regions interact with one another nationally, sharing best practices
• Public, private, and non-profit partners in regions increase collaboration
• Federal staff continue assisting the evolving IMCP network stakeholders

IMCP communities organize a national Summit in DC, leading to:

• Creation of a new non-profit backbone organization (AMCC)
• Outreach to Congress for the IMCP model to become law in DOD federal program (DMCSP)

AMCC regional consortia leaders advocate for DMCSP with the U.S. House Manufacturing Caucus (2019)
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Several IMCP regions receive designation and funding through DMCSP:

- 4 of 6 DMC designees in 2020 originated from IMCP
- 3 of 5 DMC designees in 2021 originated from IMCP
- 3 of 6 DMC designees in 2022 originated from IMCP

AMCC Undertakes Organizational Strategic Plan

Built by regional and national stakeholders to assist all American regions in adopting this bottom-up intervention approach.
Bottom-up Regional Development in Manufacturing is Driving the National Agenda

• Dept. Defense OLDCC Defense Communities
• Dept. Commerce EDA Build Back Better, Recompete Pilot Program, Tech Hubs
• National Science Foundation Regional Engines
• Dept. Energy LEAP Communities, EPIC Awardees, Industrial Assessment Centers
• Other Agency programs in Labor, USDA, SBA, Appalachian Regional Commission, and more!
• Supporting federal investments like NIST MEP network and DOD/DOE Manufacturing Innovation Institutes also working to enable success of programs

Regional Public-Private Partnerships: Difficult, but Doable!

• Finding the right composition of regional stakeholders
• Structuring accountable, communicative consortiums
• Measuring the outcomes of collaboration
• Communicating success and challenges
• Getting help to carry out the work
Participate in AMCC!

• Join our **consistent, weekly** 30-minute national Monday call to get connected with public/private stakeholders from across the nation! (message David to be added)

• Explore [americanmcc.org](http://americanmcc.org)

• Get our **consistent, weekly** newsletter updates at [americanmcc.org/subscribe](http://americanmcc.org/subscribe)

• Chat with us today on how we can add value to your work

• Learn more about our Roadshows and *Manufacturing An American Century* podcast.

• Contact us by email: [matt.bogoshian@amccmail.org](mailto:matt.bogoshian@amccmail.org)  
[martina.vansiclen@amccmail.org](mailto:martina.vansiclen@amccmail.org)
Revitalizing U.S. Manufacturing is a Complex Challenge
How do we make smarter decisions in regions that produce better outcomes?

Prioritize Key Industries
- Defense
- Energy
- Transportation
- Agriculture
- IT/Communications
- Health

Focus on Ecosystem Components
1. Workforce & Training
2. Research & Innovation
3. Infrastructure & Site Development
4. Supply Chain Support
5. Trade & International Investment
6. Operational Improvement & Capital Access

Toward Sustainable Development
- Economic competitiveness
- Social Equity and Inclusion
- Environmental Sustainability
- National Security

AMCC Sustainable Development Webinars:
- DEI in Manufacturing
- Manufacturing and the Environment
- Cybersecurity and Manufacturing
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More on the Big 6

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WH report on priority industries

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Leading a National Manufacturing Renaissance
Bottom-up by Regional Stakeholders

Speaker:
Matt Bogoshian – Executive Director
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Utah Advanced Materials and Manufacturing Institute

- **Non-Profit:** Public Private Partnership
- **Mission:** Expansion of Utah’s Advanced Materials & Advanced Manufacturing Industry
- **Materials:** Carbon Fiber, Advanced Alloys, Ceramics, Polymers, Critical Minerals
- **Manufacturing:** High precision manufacturing using robotics, digital engineering, and 3D printing
- **Markets:** aerospace, defense, medical, outdoor recreation
UAMMI is Funded Through Grants

• **Department of Defense**
  • Defense Manufacturing Community Support Program
    • Sub-recipient to GOEO
    • Multiple programs – Workforce, Supply Chain, Research & Small Business programs

• **Department of Energy**
  • Carbon Ore Rare Earth & Critical Minerals (CORE-CM), subrecipient to University of Utah

• **Department of Commerce**
  • Subrecipient for Utah-MEP Alliance
  • SBA Regional Innovation Cluster Program
    • Small business support
  • EDA
    • Northern Utah Accelerator program, now acceler8wasatch, subrecipient to Weber State
    • Cut & Sew feasibility study

• **Governor’s Office**
  • Manufacturing Modernization Grant Program
  • Industrial Assistance Account focused on DEIBA & Rural programs, now State Appropriation
UAMMI STATEWIDE SUCCESSES (2020 - 2023)

FINANCIAL SUCCESSES

• Facilitated $58 Million Cash Flowing to Utah Small Businesses in Advanced Manufacturing

• $8 Million Federal Grants

• $1.7 Million Matching Funds from State Appropriation

• Utah Defense Manufacturing Community (OLDCC), DOD, Department of Commerce (SBA, EDA Tech Hubs), and Department of Energy.

IMPACT

• Provided 128 Small Businesses with Technical and Business Development and created 750 Jobs.

• Information Sessions in Rural Utah
  • 9 SESSIONS WITH 220 ATTENDEES

• 8,200 students introduced to defense manufacturing
  • 150 Schools, 170 Apprenticeships, 19 STTR/SBIRs

• 1,000+ attendees at UAMMI Ecosystem Events

• Assisted in establishing the Miller Applied Research Solutions Center (MARS) at Weber State University

• Advocated for a $1 billion national Private Equity fund based in Utah for advanced manufacturing.
CONNECTICUT Manufacturing

National Governors Association - February 7, 2024
Paul S. Lavoie, Connecticut Chief Manufacturing Officer
DRIVING COLLABORATION IN MANUFACTURING AND CLEAN ENERGY

- Connecticut Defense Manufacturing Community Collaborative (CDMCC)
- New England Regional Defense Industry Collaborative (NERDIC)
- Connecticut Wind Collaborative
- The Federal-State Offshore Wind Implementation Partnership
- Regional Tech Hub - Driving digital transformation in the commercial industrial base in CT and RI
Paul S. Lavoie, Connecticut Chief Manufacturing Officer
Thank you!

For questions and comments please contact below

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