



NATIONAL
GOVERNORS
ASSOCIATION



The American Manufacturing
Communities Collaborative

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.**

2014
2016
2018 - 2020
2021
2022 - PRESENT



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 \(2019\)](#)



IMCP Regions Pursue New Opportunities, Strengthen Collaborations

DMCSP Projects FY 2020 - 2022



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



Regional Innovation: Federal Programs and Issues for Consideration

April 3, 2023

Congressional Research Service

[2023 CRS overview of federal regional innovation programs](#)



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
- Get our **consistent, weekly newsletter updates** at 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
david.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

[WH report on priority industries](#)

6

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

[More on the Big 6](#)



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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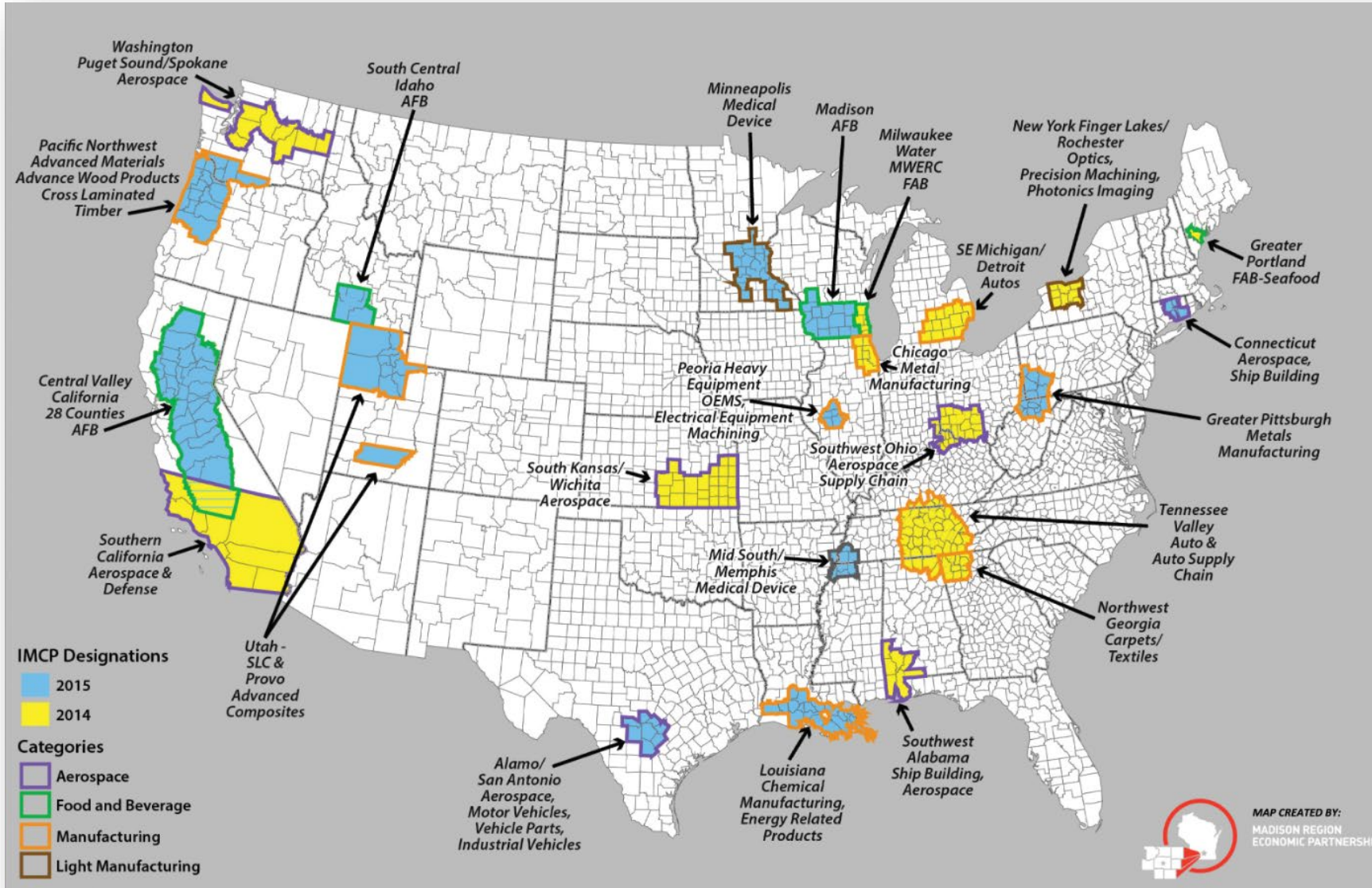
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24 Regions Designated as IMCP Communities in 2 Years

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





The American Manufacturing Communities Collaborative

Leading a National Manufacturing Renaissance Bottom-up by Regional Stakeholders

Speaker:

Matt Bogoshian – Executive Director





A New Federal Policy Model Emerges

The National Economic Council collaborates with an Interagency Working Group leading to the [Investing in Manufacturing Communities Partnership](#) (IMCP) program.

“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**

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)

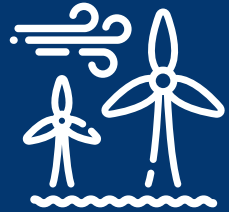
FINANCIAL SUCCESSES

- 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.

UTAH ADVANCED MATERIALS AND MANUFACTURING INITIATIVE (UAMMI)



CONNECTICUT Manufacturing

National Governors Association – February 7, 2024

Paul S. Lavoie, Connecticut Chief Manufacturing
Officer



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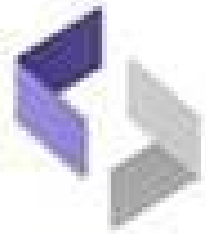
DRIVING COLLABORATION IN MANUFACTURING AND CLEAN ENERGY

- 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



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Thank you!

For questions and comments please contact below

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