

Advanced Manufacturing Partnership (AMP) 2.0 *Northeast Regional Meeting*

Technology / NNMI Breakout Session

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Rensselaer



111 Lomb Memorial Drive
Sustainability Hall
Rochester, NY 14623



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Facilitators

- **Brenan McCarragher, Director of Special Projects, Draper Laboratory**
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GOALS Identify strengths that can be leveraged and solutions to key barriers to accelerate and amplify the value of technology commercialization in the U.S. manufacturing sector and with a special focus on SMEs, including start-ups and mature enterprises.

- SCOPE OF WORK**
- Develop clear solutions for core manufacturing policy issues
 - Investigate and propose specific solutions to the unique barriers that inhibit firms from adopting and scaling new technologies in the U.S.
 - Identify the challenges and solutions to rapidly deploy new technologies and processes across the U.S. supply chain.



Northeast Regional Strengths

- Innovation Culture
 - University Clusters and High Tech capability
 - Bio / Pharma / Medical Devices / Imaging
- High value manufacturing
 - Aerospace and Shipbuilding
- Advanced Manufacturing Supplier Base
 - Software, Sensors, Robotics, 'Big Data', Cloud Computing
- Strong Government, MEP, Support
- Strong Community College systems



- Technology Transition
 - Broad-based industrial adoption of advanced manufacturing methods
- Workforce Education and Training
 - Not many ‘manufacturing’ training programs
 - Manufacturing not a ‘career of choice’ for many in Northeast
- The nation does not view the Northeast as a center for manufacturing



What role do these entities play and how can they be aligned?

- MEP Network
- NSF I/UCRC
- NSF ERC
- NYS Centers for Advanced Technology (CATS)
- NYS Centers of Excellence
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Technology / NNMI Seed Questions

Q1 – What are key values to industry of the NNMI structure? What would make the NNMI structure more effective?

*Target [Fill-in here] technology as having the greatest impact
Target industries rather than technologies?*

Q2 – How can the regional attributes / experiences be leveraged at the national scale

Q3 – If you have the Administration (Federal and State) for 1 hour, what would you advise them to do to help manufacturing in the Northeast be more competitive?

Q4 – What could the NNMI's do to enable greater involvement from your industry / company / agency / university / college?

