SUNY STARTUP
SUMMER SCHOOL

Where Do We Go From Here?

Manufacturing and Technology Resources

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Meet Your Presenter!

Eric Fasser, Solutions Program Manager

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NYSTAR

NEW YORK STATE OF OPPORTUNITY™

Division of Science, Technology & Innovation

1. NY Manufacturing Extension Partnership (11)
2. Centers for Advanced Technology (15)
3. Centers of Excellence (14)
4. Innovation Hot Spots & Incubators (30)
5. Science & Technology Law Center (1)

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US SMALL MANUFACTURERS

600,000

Number of small manufacturing companies in the US

99%

Percentage of manufacturers that are small businesses

5 million

People employed by small manufacturers

$1 trillion

Gross revenue generated by small manufacturers

96.6%

Percentage of all exporters comprised by small businesses in the US

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Source: SBA U.S. Small Business Administration

1. NY-MEP

Assist NY-based manufacturers and technology companies in becoming more competitive.

NY MEP MAKES AN IMPACT

7,171 JOBS

Both New and Retained Jobs at Small to Medium Sized Manufacturers

$1.2B

New/Retained Sales, Company Cost Savings, New Investments in Manufacturing

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NEW YORK
Manufacturing Extension Partnership

Find innovative solutions to business & production problems

Connect with resources needed for business growth

Improve economic competitiveness & find new markets

Develop strategic plans & form long-lasting partnerships

Improve workflow & increase productivity

Enhance technological & production capabilities

newyorkmep.org

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NY MEP LOCATIONS

STATEWIDE
FuzeHub
fuzehub.com

1 CAPITAL REGION
Center for Economic Growth (CEG)
ceg.org

2 CENTRAL NEW YORK
Train, Develop, Optimize (TDO)
tdo.org

3 FINGER LAKES
NextCorps
nextcorps.org

4 LONG ISLAND
Manufacturing and Technology Resource Consortium (MTRC)
stonybrook.edu/mtrc

5 MID-HUDSON
Manufacturing & Technology Enterprise Center (MTEC)
mfgtec.org

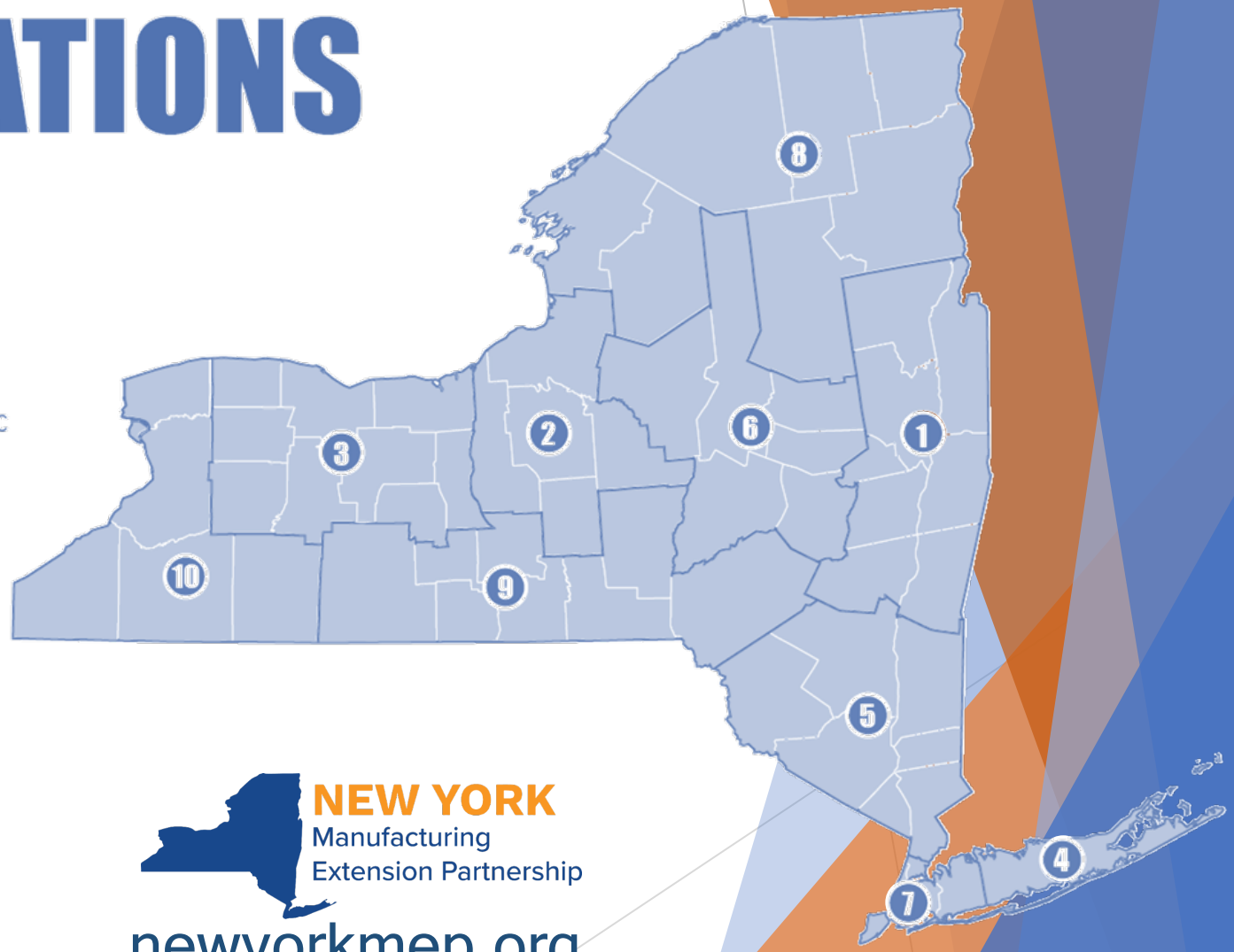
6 MOHAWK VALLEY
Advanced Institute for Manufacturing (AIM)
aim-mep.org

7 NEW YORK CITY
Industrial & Technology Assistance Corporation (ITAC
itac.nyc

8 NORTH COUNTRY
CITEC Business Solutions
citec.org

9 SOUTHERN TIER
Alliance for Manufacturing & Technology (AMT)
amt-mep.org

10 WESTERN NEW YORK
Insyte Consulting
insyte-consulting.com



NEW YORK
Manufacturing
Extension Partnership

newyorkmep.org

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FUZEHUB

Marketing Services

Funding Opportunities

Technology Matching

Guided access to our network of manufacturing resources in New York

Commercialization Competition now open:

fuzehub.com

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2. CATs

15 Centers

Economically important technology fields

"Encourage collaboration between private industry and universities to advance the development and application of new technologies."

- MEDICAL DEVICES
- NANOTECH
- ENERGY SYSTEMS
- BIG DATA
- INTEGRATED ELECTRONICS
- BIOTECH
- TELECOMM
- EMERGING SCIENCES
- MATERIALS PROCESSING
- ADDITIVE MFG
- ENGINEERING
- SENSORS
- FUTURE ENERGY
- CERAMICS
- LIFE SCIENCES

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3. COEs

14 Centers

Emerging high-technology fields

"Foster collaboration between the academic research community and business sector to develop and commercialize new products and technologies."

- WIRELESS TECH
- ATMOSPHERIC INNOVATION
- SUSTAINABLE MFG
- HEALTHY WATER
- SYSTEMS PACKAGING
- ENVIRON-MENTAL
- FOOD & AG
- ADVANCED ENERGY
- DISASTER RESPONSE
- DIGITAL GAMING
- MATERIALS INFORMATICS
- NANO-ELECTRONICS
- BIO-INFORMATICS
- DATA SCIENCES

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4. Hot Spots & Incubators

Accelerate growth of early-stage businesses/technologies

- Low-cost physical space
- Portfolio of services to help companies advance quickly

10 Hot Spots

Coordinate entrepreneurial activities (1 per region)

20 Incubators

Provide greater support in key areas (some are industry specific)

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5. NYS-STLC

Syracuse University

New York State Science & Technology Law Center

Guidance on IP Strategy

- Patent vs. Trade Secret
- Which type should you file? When?

Research Services (free for start-ups)

- Prior art, Competitive landscape
- Assess Freedom-to-Operate risks and strength of claims
- Foreign Filing Considerations

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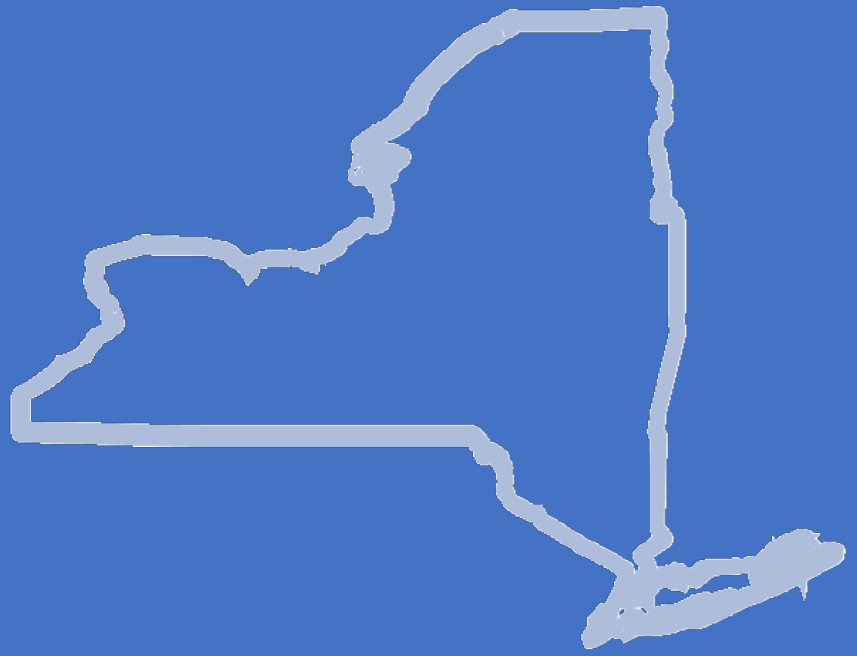
Additional Resources



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NSF I-Corps

Regional and national programs

- Guidance and mentorship
- Invaluable customer insights
- Funding
- Accelerate to profitability or cut losses

Regional Hub: NewYorkICorps.org

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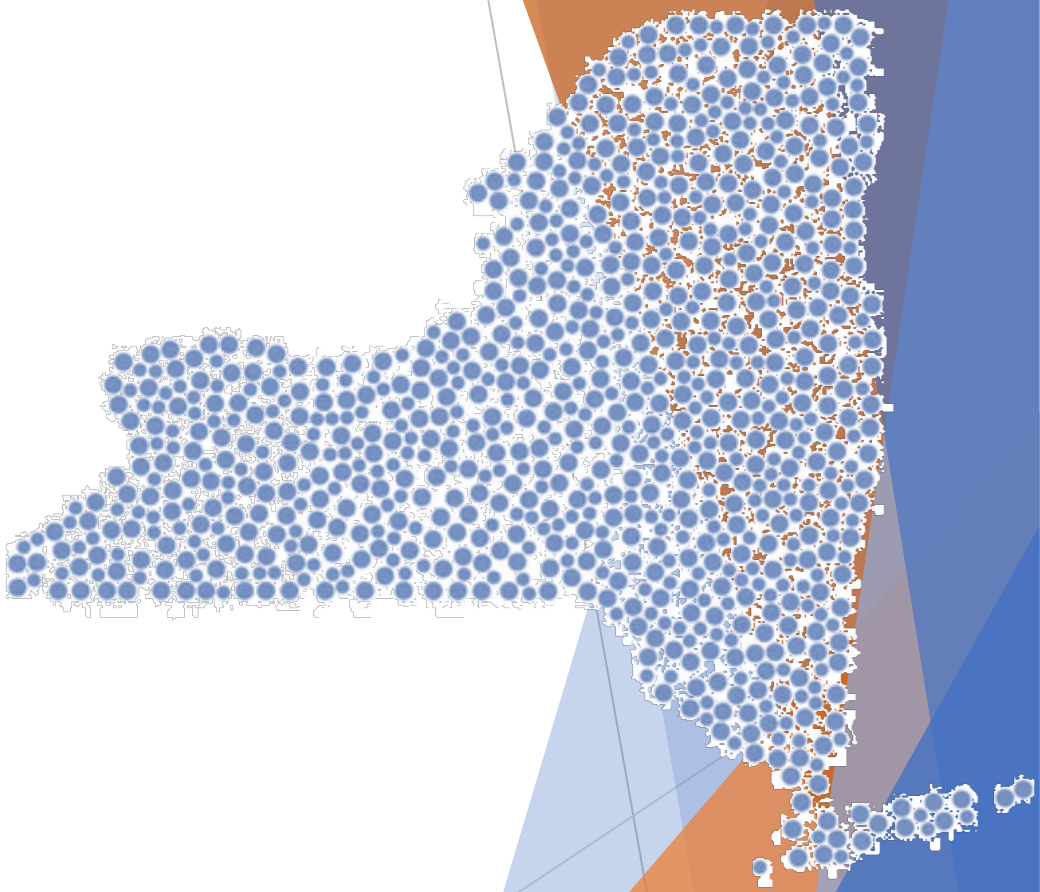
NSF I-CORPS NSF Innovation Corps

Private Sector Resources

- Professional Services
- Testing/Certifications
- Manufacturing
- Workforce
- Assembly/Distribution
- Funding/Investment

Plus, access to nationwide network



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Takeaway

Contact FuzeHub for connections to:

- Regional resources (NY-MEP)
- Technical expertise (CAT, COE, STLC)
- Start-up support
- Funding opportunities
- Private sector resources

FUZEHUB

Speak to An Expert > >

www.fuzehub.com home page

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