

2021 NYSTAR

# ASSET GUIDE

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Division of  
Science, Technology  
& Innovation

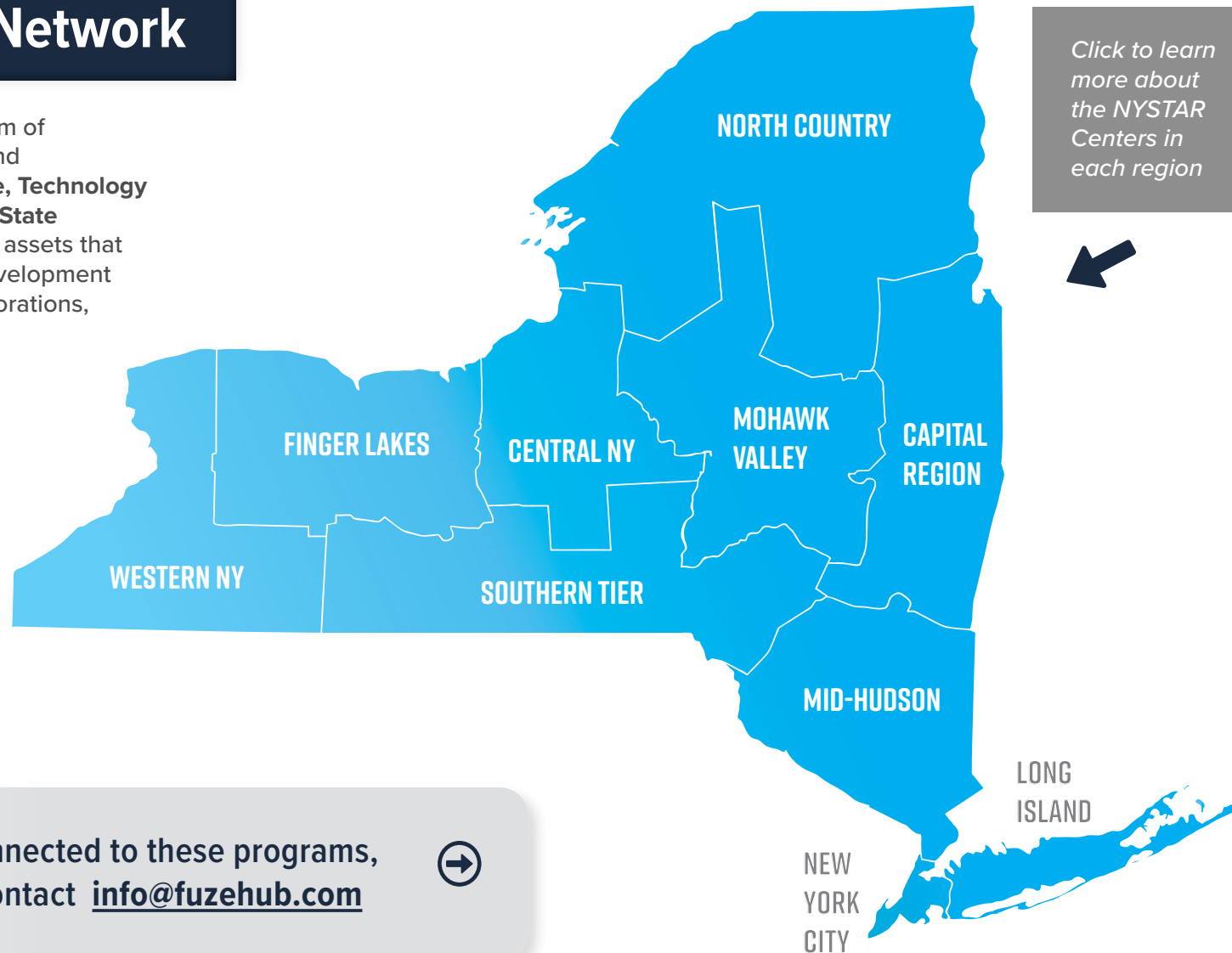
A Division of Empire State Development



## About the NYSTAR Network

New York State supports a vast ecosystem of resources that fuel growth, innovation, and competitiveness. **The Division of Science, Technology and Innovation (NYSTAR)** within **Empire State Development (ESD)** funds programs and assets that are helping industry drive technology development and job growth. To promote these collaborations, members of the NYSTAR network may also provide financial incentives.

On the next few pages are NYSTAR-funded assets. Although they are organized here by region, companies anywhere in New York State can access their programs, services, and specialized expertise. Please note that the NYSTAR-funded SBIR Centers also serve companies statewide to assist them in pursuing federal SBIR/STTR awards.



To be connected to these programs, please contact [info@fuzehub.com](mailto:info@fuzehub.com)

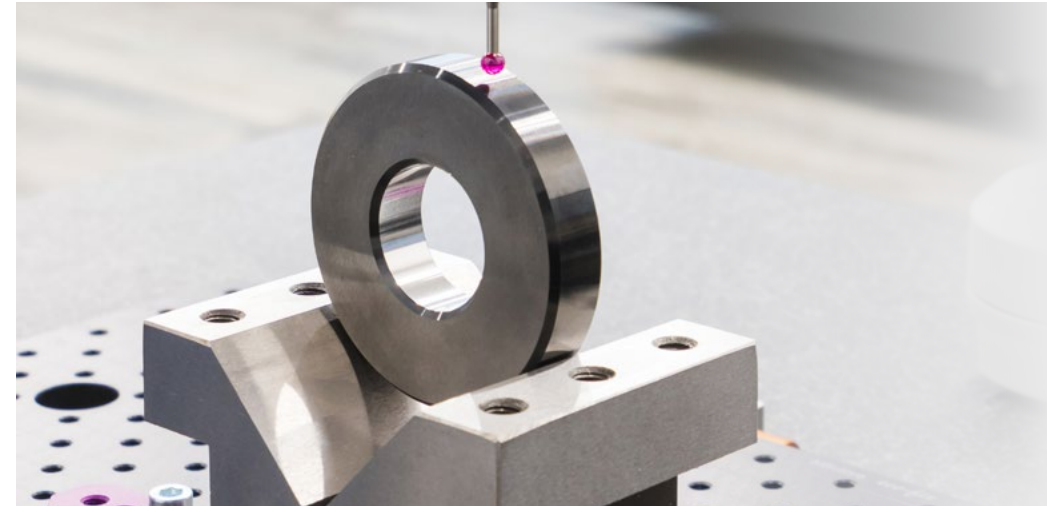




## New York Manufacturing Extension Partnership (NY MEP)

The **New York Manufacturing Extension Partnership (NY MEP)** is part of a national network that provides growth and innovation services to small and medium-sized manufacturers. In New York State, NYSTAR funds 10 regional MEP centers and one statewide center: **FuzeHub**.

NY MEP is part of the **National Institute of Standards and Technology's (NIST) Hollings Manufacturing Extension Partnership (MEP)** and supported through a combination of federal and state funding. In every corner of the state, companies can access business and technical assistance to create and retain jobs, increase profits, and save time and money.



### These are some of the services that NY MEP provides:

- Innovation strategies
- Process improvements
- Quality control
- Manufacturing scale-up
- Sustainable manufacturing
- Supply chain assistance
- Technology acceleration
- New Market strategies
- Product development and prototyping
- Entrepreneurial and startup assistance including financing and grant information
- Other services tailored to key NYS industry clusters





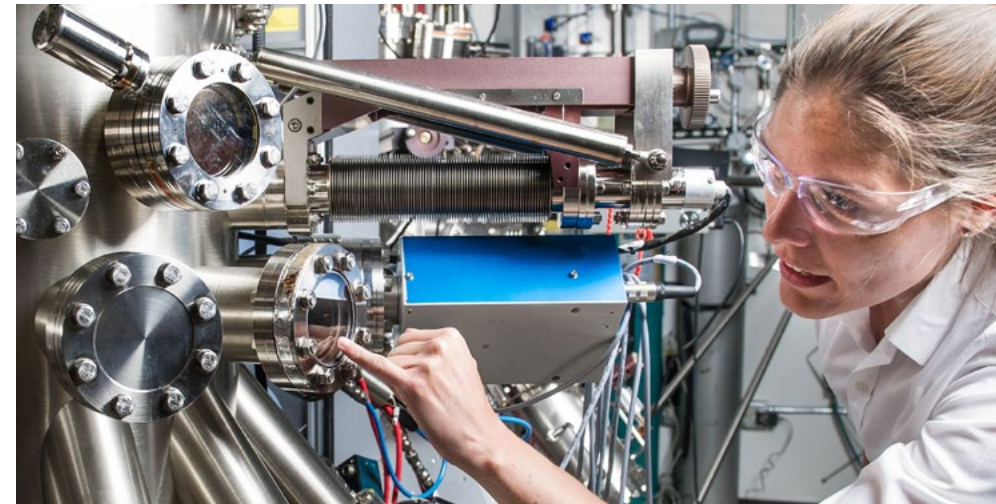


## Centers for Advanced Technology



NYSTAR funds 15 **Centers for Advanced Technology (CATs)** to encourage collaboration between private industry and universities to advance the development and application of new technologies. Since 1983, CATs have provided industry partners with applied research, R&D, and technology transfer in many different areas. Today, CATs play a critical role in spurring technology-based applied research and economic development. Their efforts also support national and international research, collaboration, and innovation while attracting investments from the federal government, foundations, venture capital firms, and other entities.

NYSTAR periodically identifies technology fields that are of strategic importance to New York State's economy and holds competitions to award 10-year CAT designations to universities, university-affiliated research institutes, or consortia of such institutions.



## Centers of Excellence



NYSTAR funds 14 **Centers of Excellence (COEs)** to foster collaboration between the academic research community and the business sector to develop and commercialize new products and technologies. This promotes critical private sector investments in emerging high-technology fields across New York State, helping to create and expand technology-related businesses and employment. COEs facilitate joint university-industry research and development, product commercialization, and workforce training. Technology areas include, but not limited to, digital game development, advanced energy, bioinformatics and life sciences, information technology, food and agriculture, and nanoelectronics.



## New York State Science and Tech Law Center



When it comes to new technologies, knowing what you don't know is half the battle. **The New York State Science & Technology Law Center (NYSSTLC)** helps entrepreneurs and companies with new technologies identify potential challenges and devise effective strategies to successfully bring that technology to market. From market landscapes to intellectual property protection to licensing options to potential funding sources, NYSSTLC has helped scores of companies and institutions make their technology vision become a commercial reality. If you are a company or institution focused on bringing new technology to market, the NYSSTLC is available to assist and guide you.



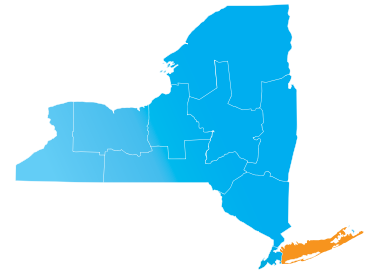
## New York State Certified Business Incubators and Innovation Hot Spots

Through a competitive process, NYSTAR has designated 10 **Innovation Hot Spots**—one for each of New York's economic development regions—and 20 **Certified Business Incubators**, each of which receives funding to assist early-stage technology-based companies. This network of support has created a culture of innovation and success around the state, thanks to ground-level services that make a dramatic difference in a start-up company's next steps.

Support may vary by location but generally includes: physical space, shared administrative staff, access to capital, coaching, mentoring, networking connections, prototype development, and access to other technical services. Innovation Hot Spots also coordinate regional entrepreneurial ecosystems and can offer tax benefits to client businesses.



# Long Island



## MEP Center

- [Manufacturing and Technology Resource Consortium \(MTRC\)](#)



## Centers of Excellence

- [Advanced Energy Research and Technology Center \(AERTC\) at Stony Brook University](#)
- [Center of Excellence in Wireless and Information Technology \(CEWIT\) at Stony Brook University](#)



## Centers for Advanced Technology

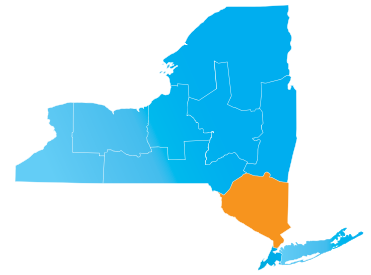
- [Center for Biotechnology \(CFB\) at Stony Brook University](#)
- [Center for Integrated Electric Energy Systems \(CIEES\) at Stony Brook University](#)



## NYS Certified Business Incubators and Innovation Hot Spots

- [Stony Brook Hot Spot](#)
- [Long Island High Tech Incubator](#)
- [Entrepreneurship & Technology Innovation Center \(ETIC\) at New York Institute of Technology](#)
- [ideaHUB at Hofstra University](#)





# Mid-Hudson Valley



## MEP Center

- [Manufacturing and Technology Enterprise Center \(MTEC\)](#)



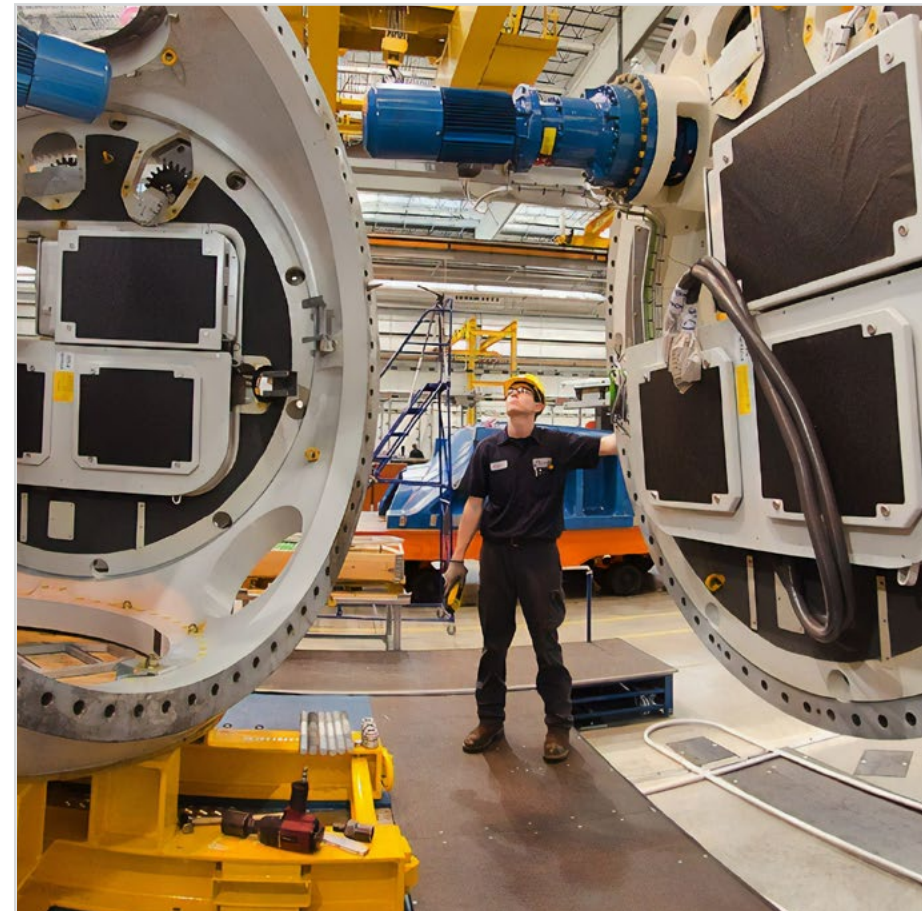
## Centers of Excellence

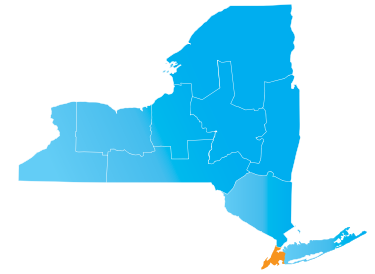
- [Center of Excellence in Precision Medicine and Responses to Bioterrorism and Disasters at New York Medical College](#)



## NYS Certified Business Incubators and Innovation Hot Spots

- [BioInc at NY Medical College \(Hot Spot\)](#)
- [Hudson Valley Center for Innovation | Accel7](#)





# New York City



## MEP Center

- [Industrial Technology Assistance Corporation \(ITAC\)](#)



## Centers for Advanced Technology

- [Center for Advanced Technologies in Sensors for Exploration of Natural Systems and Environments \(ASRC\) at CUNY](#)
- [Center for Advanced Technology in Telecommunications \(CATT\) at NYU](#)



## Center of Excellence

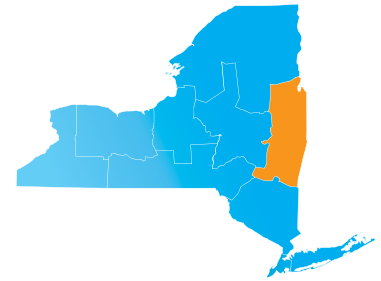
- [Center of Excellence in Digital Game Development at New York University](#)



## NYS Certified Business Incubators and Innovation Hot Spots

- [Hub for Innovation and Entrepreneurship \(NYCRIN\)](#)
- [Downstate Biotech Incubator and BioBAT](#)
- [Entrepreneur Space Incubator at Queens Economic Development Corporation](#)
- [NYDesigns at LaGuardia Community College](#)
- [NYU Tandon Future Labs](#)





## Capital Region



### MEP Center

- [Center for Economic Growth \(CEG\)](#)



### Centers for Advanced Technology

- [Center for Advanced Technology in Nanomaterials and Nanoelectronics \(CATN2\) at SUNY Polytechnic Institute](#)
- [Center for Future Energy Systems \(CFES\) at RPI](#)



### Centers of Excellence

- [Center of Excellence in Atmospheric & Environmental Prediction and Innovation at the University at Albany](#)
- [Center of Excellence in Digital Game Development at Rensselaer Polytechnic Institute](#)
- [Center of Excellence in Nanoelectronics and Nanotechnology \(CENN\) at SUNY Polytechnic Institute](#)



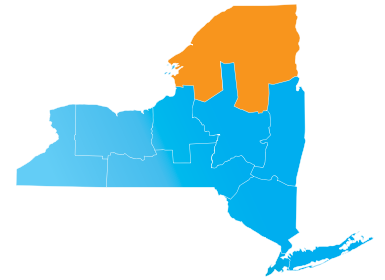
### NYS Certified Business Incubators and Innovation Hot Spots

- [Innovate 518 \(Hot Spot\)](#)
- [Biomedical Acceleration and Commercialization Center \(BACC\) at Albany Medical College](#)
- [Tech Valley Center of Gravity](#)





## North Country



### MEP Center

- [CITEC](#)



### Center for Advanced Technology

- [Center for Advanced Materials Processing \(CAMP\) at Clarkson University](#)



### Center of Excellence

- [Center of Excellence in Healthy Water Solutions at Clarkson University and SUNY ESF](#)



### NYS Certified Business Incubator and Innovation Hot Spot

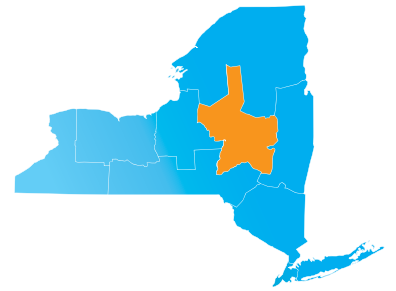
- [Shipley Center for Innovation at Clarkson University \(Hot Spot\)](#)







# Mohawk Valley



## MEP Center

- [Advanced Institute for Manufacturing \(AIM\) at MVCC](#)



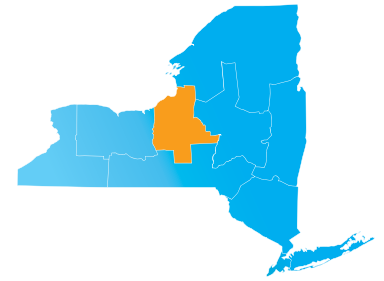
## NYS Certified Business Incubators and Innovation Hot Spots

- [Mohawk Valley Community College thINCubator \(Hot Spot\)](#)
- [Griffiss Institute](#)
- [Mohawk Valley Farm & Food Business Incubator at SUNY Cobleskill](#)





## Central NY



### MEP Center

- [Central New York Technology Development Organization \(CNYTDO\)](#)



### Center for Advanced Technology

- [Center for Advanced Systems and Engineering \(CASE\) at Syracuse University](#)



### Centers of Excellence

- [Center of Excellence in Environmental and Energy Systems at Syracuse University](#)
- [Center of Excellence in Healthy Water Solutions at Clarkson University and SUNY ESF](#)



### New York State Science and Tech Law Center

- [New York State Science & Technology Law Center at Syracuse University](#)

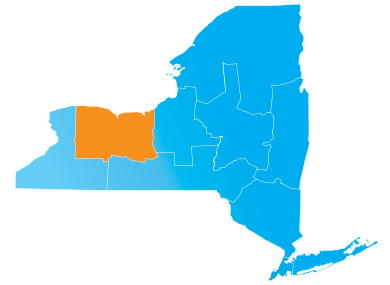


### NYS Certified Business Incubators and Innovation Hot Spots

- [The Tech Garden \(Hot Spot\)](#)
- [Central New York Biotech Accelerator](#)
- [Partnership for Community Development](#)



## Finger Lakes



### MEP Center

- [NextCorps](#)



### Centers for Advanced Technology

- [Additive Manufacturing and Multifunctional Printing \(AMPrint\) Center at RIT](#)
- [Center for Emerging and Innovative Sciences \(CEIS\) at the University of Rochester](#)



### Centers of Excellence

- [Center of Excellence in Advanced & Sustainable Manufacturing \(COE-ASM\) at RIT](#)
- [Center of Excellence in Data Science at the University of Rochester](#)
- [Center of Excellence in Digital Game Development at RIT](#)
- [Center of Excellence in Food and Agriculture Innovation \(AgriTech\) at Cornell University](#)

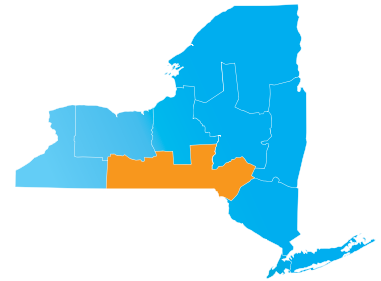


### NYS Certified Business Incubator and Innovation Hot Spot

- [NextCorps \(Hot Spot\)](#)



## Southern Tier



### MEP Center

- [Alliance for Manufacturing and Technology \(AM&T\)](#)



### Centers for Advanced Technology

- [Center for Life Science Enterprise at Cornell University](#)
- [Integrated Electronics Engineering Center \(IEEC\) at Binghamton University](#)
- [Center for Flexible Hybrid Medical Device Manufacturing \(FlexMed\) at Binghamton University](#)



### Center of Excellence

- [Small Scale Systems Integration and Packaging \(S3IP\) at Binghamton University](#)



### Federal and NYSTAR Partnership

- [Cornell Center for Materials Research](#)



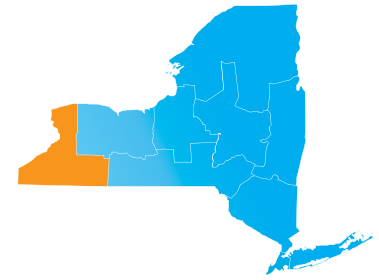
### NYS Certified Business Incubators and Innovation Hot Spots

- [Southern Tier Start Up Alliance \(HotSpot\)](#)
- [IncubatorWorks Allegany](#)
- [IncubatorWorks Southern Tier](#)
- [Koffman Southern Tier Incubator](#)
- [Rev Ithaca Startup Works](#)





## Western NY



### MEP Center

- [Insyte](#)



### Centers for Advanced Technology

- [Center for Advanced Ceramic Technology \(CACT\) at Alfred University](#)
- [Center for Advanced Technology in Big Data & Health Sciences at the University at Buffalo \(UB CAT\)](#)



### Centers of Excellence

- [Center of Excellence in Bioinformatics and Life Sciences \(CBLS\) at the University at Buffalo](#)
- [Center of Excellence in Materials Informatics \(CMI\) at the University at Buffalo](#)



### NYS Certified Business Incubators and Innovation Hot Spots

- [WNY Incubator Network \(Hot Spot\)](#)
- [Fredonia Technology Incubator \(FTI\)](#)



## Speak to a manufacturing expert.

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