



Clean Tech Asset Guide

for Central Upstate New York

- ❖ Research and Development Partners and Facilities
- ❖ Business Development Resources
- ❖ Funding and Business Assistance Programs
- ❖ Market Leaders



The Clean Tech Center



About Us

The Clean Tech Center develops renewable and clean energy technology companies in New York State. A program of The Tech Garden, it is funded by NYSERDA to develop emerging businesses and commercialize technologies in the following sectors:

- Renewable Energy
- Alternative Fuels
- System Integration and Smart Grid Technologies
- Transportation
- Buildings & Construction Technologies

The Clean Tech Center provides an integrated infrastructure for the incubation, acceleration and retention of companies in this emerging cluster across the state. Collaborators include academic and industry leaders, angel and venture investors, financial institutions, service providers, utilities, industry associations and government agencies providing a network of technical and financial services.

Goals

- ❖ Develop “investment-ready” companies and connect them with appropriate funding opportunities – from seed to angel, VC, traditional and public finance
- ❖ Support clean tech companies through the continuum of growth, across lifecycles – particularly fast-track companies on the path to staged growth
- ❖ Serve as a clearinghouse for information on the clean tech industry in New York State, as well as specialized resources and programs to support its growth





About this Guide

The Regional Asset Guide for Businesses in Central New York was created by The Clean Tech Center, as a hyperlinked PDF.

The document was designed to be used electronically. Clicking the links will allow users to access the associated content at the provided web address.

Please print only when necessary; photo resolution may be distorted when printing.

This directory was created in November of 2009. Please visit www.thecleantechcenter.com for the most recent version.

Welcome

This guide was created to help entrepreneurs and businesses identify the assets of the Creative Core Region of Central Upstate New York, in order to encourage the development, growth and retention of clean technology companies in New York State.

To learn more about this region: www.creativecoreny.com



Table of Contents

Research and Development Partners and Facilities

- 1.1 Academic Institutions 01
- 1.2 Centers for Advanced Technology 20
- 1.3 Regional Technology Development Centers 21
- 1.4 Centers of Excellence 22
- 1.5 Energy Frontier Research Centers 23
- 1.6 Other Research and Programs 24

Business Development Resources

- 2.1 Environmental Improvement Resources 26
- 2.2 Clean Energy Training Providers 32

Funding and Business Assistance Programs

- 3.1 Federal Funding and Assistance 33
- 3.2 State Funding and Assistance 37
- 3.3 Regional Funding and Assistance 49

Market Leaders

- 4.1 Clean Tech Center and SyracuseCoE Partners 52
- 4.3 Associations and Organizations 57

Sources

- 5.1 Materials 59





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 1 of 25)

Cazenovia College

Environmental Studies

The Environmental Studies program at Cazenovia College (Cazenovia, New York) offers students two general program tracks from which to choose while providing a set of common ES courses to all ES majors. These courses include Environmental Science, Field Natural History, General Biology, Environmental Issues and Public Policy, and a set of research classes.

<http://www.cazenovia.edu/default.aspx?tabid=503>

Clarkson University

Center for Sustainable Energy Systems

The Center for Sustainable Energy Systems provides a vehicle to bring these efforts together, exchange ideas and generate new concepts for innovative, sustainable, collaborative projects at local, national and international levels.

<http://www.clarkson.edu/cses/index.html>

Center for the Environment

The mission of the Clarkson Center for the Environment is to facilitate the development, promotion and operation of environmental activities within the University and among its partners. The Center fosters links and collaboration among faculty, students and partners who will actively participate in the activities required to meet its vision of excellence.

<http://www.clarkson.edu/cce/>

Center for Air Resources Engineering and Science (CARES) (EQS STAR Member)*

The focus of the Center for Air Resources Engineering and Science (CARES) is to provide a better and more complete scientific basis for air quality management including the understanding of the sources, transport, and chemistry that give rise to indoor and outdoor exposure to air pollutants including noise, their potential health and welfare effects, and ways in which these effects can be reduced or eliminated.

<http://www.clarkson.edu/cares/>

*The EQS STAR Center is the principal research arms of the SyracuseCoE and has established a network of connected world-class facilities throughout New York State for simulating total indoor environmental systems and their interactions with urban ecosystems.



NYSERDA

Research and Development Partners and Facilities

Academic Institutions (page 2 of 25)



Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Clarkson University (continued)

Center for Advanced Materials Processing (CAMP) (EQS STAR Member)

The Center for Advanced Materials Processing (CAMP) at Clarkson University is dedicated to developing Clarkson's research and educational programs in high-technology materials processing and is focused on industrial concerns and meeting industrial needs. CAMP's mandate is to develop innovations in advanced materials processing and to transfer this technology to business and industry.

<http://www.clarkson.edu/camp/>

Civil and Environmental Engineering Facilities (EQS STAR Member)

Clarkson civil and environmental engineers are sought after by employers because of their experience with real-world learning and creative problem solving. Students learn the fundamentals of engineering in the classroom and also benefit from various hands-on learning experiences in the field and in the laboratory. A Clarkson engineering education also provides students with strong skills in teamwork, communication, management and leadership. Clarkson's personalized teaching, flexible curricula and world-class research produce alumni ready to take on the engineering world.

<http://www.clarkson.edu/cee/>

The Shipley Center for Innovation

The Shipley Center for Innovation, previously known as the Shipley Center for Leadership and Entrepreneurship, is now serving as an engine of campus-wide economic development and faculty research. It is also home to the Clarkson Consulting Group, an undergraduate and graduate course that works with local companies to solve business issues, from making a business plan to conducting marketing and consumer behavior research.

http://www.clarkson.edu/research_innovation/innovation.html

Turbulence and Multiphase Fluid Flow Laboratory (EQS STAR Member)

<http://web2.clarkson.edu/projects/fluidflow/>

EQS Center Facility – CARES (EQS STAR CENTER Member)

http://www.eqstar.org/documents/2005/10/24/clarkson_cares.pdf





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 3 of 25)

Colgate University

Environmental Biology

Environmental biology provides the student with a focus on biological systems and how organisms interact with the abiotic and biotic components of the environment. It also provides a breadth of exposure to environmental studies beyond the field of biology.

<http://www.colgate.edu/desktopdefault1.aspx?tabid=653>

Sustainability Initiative

Colgate's sustainability initiatives strive to reduce the college's ecological footprint, preserve natural resources, and contribute to a socially just, higher quality of life both locally and globally through energy conservation and efficiency, carbon footprint and climate action, renewable energy systems, food service and dining practices, alternative transportation, and waste minimization and recycling.

<http://www.colgate.edu/DesktopDefault1.aspx?tabid=3447>

Cornell University

Center for a Sustainable Future

CCSF advances multidisciplinary research and cultivates innovative collaborations within and beyond Cornell to foster a sustainable future for all. Initiatives include Academic Venture Fund, Rapid Response Program, Strategic Faculty Hiring in Sustainability, Topical Lunches, Presidents Climate Committee and Sustainable Proposal Support.

<http://www.sustainablefuture.cornell.edu/index.php>

Center for Materials Research

The Materials Research Science and Engineering Centers (MRSEC) program provides support for interdisciplinary materials research and education of the highest quality while addressing fundamental problems in science and engineering that are important to society. The centers undertake materials research of a scope and complexity that would not be feasible under traditional funding for individual research projects or small groups.

<http://www.ccmr.cornell.edu/>

Cornell Nanofabrication Facility

The Cornell Nanofabrication facility with electron beam lithography and photolithography capabilities and thin film deposition processing.

www.ccmr.cornell.edu





Research and Development Partners and Facilities

Click to Jump to:

► [Academic Institutions](#)

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 4 of 25)

Cornell University (continued)

Biotechnology Resource Center

The Cornell University Life Sciences Core Laboratories Center (CLC) provides an array of genomics, proteomics, imaging, IT and informatics shared research resources and services to the full University community and to investigators at other academic institutions and commercial enterprises.

<http://www.brc.cornell.edu/brcinfo/index.php>

Center for Nanoscale Systems

The Center for Nanoscale Systems operates a Characterization Facility for the study and optimization of nanoscale electronic, magnetic, and photonic devices and circuits and for establishing the knowledge and technology basis for incorporating such elements into systems-level applications. The facility is available to the Cornell community and outside users.

<http://www.cns.cornelledu/sharedfacilities/sharedfacility.html>

Center for Technology, Enterprise, and Commercialization

The Cornell Center for Technology Enterprise and Commercialization (CCTEC) is Cornell University's technology transfer office. CCTEC manages technology for Cornell University, Weill Cornell Medical College and the New York State Agricultural Experiment Station in Geneva. Its goal is to support Cornell's land-grant and economic development mission and to promote public good by connecting Cornell technology to industry product and business development efforts.

<http://www.cctec.cornell.edu/>

Cornell Center for Sustainable Global Enterprise

The Center views solutions to environmental and social problems as business opportunities, not a cost of doing business. It frames the solutions to these complex issues as new business growth rooted in innovation and enterprise development. It maintains a global network engaged in collaborative research and field work focused on strategy formulation and implementation in two domains: sustainable innovation and base of the pyramid enterprise development.

<http://www.johnson.cornell.edu/sge/>

Human Factors and Ergonomics Research Laboratory (EQS STAR Member)

CUErgoLab is designed as a flexible facility for research work on usability, human performance, comfort, stress, health, environmental simulation and user preferences for all aspects of modern work environments.

<http://ergo.human.cornell.edu/AHPProjects/HFESlab.html>



NYSERDA



Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 5 of 25)

Cornell University (continued)

Cornell Fuel Cell Institute

The Cornell Fuel Cell Institute is a multi-disciplinary institute applying basic research to enable advanced fuel cell technology.

- Research, discovery and development of novel materials for advanced fuel cell components that overcome the fundamental limitations in performance, durability and cost of current technologies.
- Collaboration with industrial and academic leaders in the fuel cell sector to speed the incorporation of CFCI materials discoveries into commercial fuel cell devices.
- Education: (1) of graduate and undergraduate students in fields of science and engineering relevant to energy production, storage, use, and efficiency; (2) of the public-at-large about the challenge of meeting our future energy needs.

<http://fuelcells.ccmr.cornell.edu/>

KAUST-Center for Energy and Sustainability

The KAUST-Cornell Center for Energy and Sustainability (KAUST-CU), a new center at Cornell, investigates organic-inorganic hybrid nanomaterials for applications in water desalination, carbon capture and sequestration, oil and gas production, and solar energy.

<http://kaust-cu.cornell.edu/>

Cornell Sun Grant Center of Excellence

The Northeast Sun Grant Initiative (NE-SGI) Institute of Excellence resides at Cornell University. The Institute is responsible for administration of the regional NE-SGI competitive grants program. In addition, the Institute serves as a repository of information and data for the NE-SGI region bio-based energy and products research, education and outreach activities.

<http://nesungrant.cornell.edu/cals/sungrant/institute/index.cfm>

Nanostructured Interfaces for Energy Generation Conversion and Storage Cornell University

Objective: Understand and control the nature, structure, and dynamics of reactions at electrodes in fuel cells, batteries, solar photovoltaics, and catalysts.

<http://www.science.doe.gov/bes/EFRC.html>

EQS Center Facility Poster-Mechanical Engineering Computing Cluster (EQS STAR Member)

http://www.eqstar.org/documents/2005/10/24/cornell_caughy.pdf



Research and Development Partners and Facilities

Academic Institutions (page 6 of 25)



Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Ithaca College

The move towards sustainability as a central principle in the life of the College is supported by the colleges Comprehensive Environmental Plan, which was developed as a guiding framework by the Resource and Environmental Management Program (REMP). REMP, a coalition of students, faculty and staff, collaborates to meet a number of broad-ranging campus environmental objectives, including integrating environmental education, increasing environmentally preferable purchasing, and improving waste management and resource reduction systems.

www.ithaca.edu/sustainability

Environmental Studies Program

ESP is home to faculty and students, exploring and uncovering today's environmental issues and the scientific, cultural, historical, and philosophical questions they bring to light.

<http://www.ithaca.edu/hs/depts/envstudies/>

Le Moyne College

Environmental Studies

Environmental issues and problems arise at the interface of complex human and natural systems, and addressing them requires a synergistic combination of scientific, social, and cultural knowledge. Addressing these issues and problems also requires scientific, social and cultural skills. Le Moyne's program has been designed to provide students with a comprehensive understanding of the mechanisms of society, as well as the scientific foundations of environmental science.

<http://www.lemoyne.edu/UNDERGRADUATE/EnvironmentalStudies/tabid/1760/Default.aspx>

Center for the Study of Environmental Change – Center of Excellence

The Center for the Study of Environmental Change serves as a node for the coordination of educational, research and outreach activities related to the environmental effects of Earth's changing climate. By supporting the study and understanding of these effects in the local and global environment, the Center will promote a more just and sustainable society, in keeping with the Jesuit mission of Le Moyne College.

<http://www.lemoyne.edu/CENTERSOFEXCELLENCE/ENVIRONMENTALCHANGE/tabid/557/Default.aspx>





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 7 of 25)

Onondaga Community College

Environmental Technology

The Environmental Technology: Geoscience A.A.S. degree is designed to provide students with the skills in statistics, graphical and mathematical analysis and technical writing necessary for the analysis and preparation of scientific reports. Students use the latest soil and water testing/monitoring technology to practice proper sampling procedures and documentation methods. They also learn to apply basic computer skills to report writing, to the use of instrumental software, and to mapping and GIS applications. In addition, students complete a 40-hour OSHA certification program.

http://www.sunyocc.edu/program.aspx?title=2547&menu=169&type=6793&id=6701&news=208&ekmense=c580fa7b_169_279_btnlink

SUNY Binghamton

Thomas J. Watson School of Engineering and Applied Science

With an innovative curriculum and real-world approach, the Watson School at Binghamton University prepares engineering and computer science students to embrace new challenges and create the future.

<http://www2.binghamton.edu/watson/>

Center for Autonomous Solar Power

The latest addition to the University's New York State Center of Excellence in Small Scale Systems Integration and Packaging (S3IP), CASP focuses on tapping into the sun's immense supply of renewable energy and making it easily accessible as a flexible, large-area and low-cost power source.

http://research.binghamton.edu/discover/archive/New_center_to_focus_on_solar_energy.shtml

Center for Advanced Microelectronics Manufacturing

The mission of the Center for Advanced Microelectronics Manufacturing at Binghamton University is to demonstrate the feasibility of Roll-to-Roll (R2R) flexible electronics manufacturing by acquiring prototype tools and establishing processes capable of producing low volume test bed products. R2R microelectronics manufacturing will be key to critical next-generation applications in myriad areas, such as medical diagnostics and treatment, military and homeland security, flexible displays and electronics, computer and telecommunications, and consumer products.

<http://camm.binghamton.edu/>



Research and Development Partners and Facilities

Academic Institutions (page 8 of 25)



Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

SUNY Binghamton (continued)

The Center of Excellence at Binghamton University

The Small Scale Systems Integration and Packaging (S3IP) is focused on R&D for small scale system design, design, process development, prototyping, and manufacturing for academia and the microelectronics industry. The United States Display Consortium selected Binghamton University to develop next generation roll-to-roll electronics manufacturing capabilities, which creates electronic devices on a roll of flexible plastic or metal foil.

<http://s3ip.binghamton.edu/>

Institute for Materials Research

The Institute for Materials Research addresses areas that range from new materials for energy applications to electronics and packing. Electronic materials and packing work includes corrosion protection and adhesion, high temperature resistance, photo-polymers for resists, and materials compatibility.

<http://materials.binghamton.edu/>

Continued Learning

The Office of Engineering Professional Development provides engineering and professional development educational programs to support practicing engineers, computer scientists, technical professionals and management in the form of seminars, symposia, short courses, workshops, conferences and other programs.

<http://www.wtsn.binghamton.edu/coned/>

Distance Learning

The Watson School's distance learning program offers remote on-demand access to take courses without ever attending classes on campus. Students with a Bachelor of Science degree can earn a Master of Engineering with lectures that are recorded live on-campus, digitally encoded and mastered for Internet and CD distribution.

[EngiNet \(Distance Learning\)](#)

Other

The Strategic Partnership for Industrial Resurgence (SPIR) is an industry support service offered by SUNY engineering schools at Binghamton, Buffalo, and Stony Brook. SPIR was established to strengthen New York State's small and mid-sized businesses by helping them apply technology solutions to make them more competitive.

<http://www.binghamton.edu/watson/spir/index.htm>



NYSERDA



Research and Development Partners and Facilities

Academic Institutions (page 9 of 25)



Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

SUNY Cortland

Environmental Science

Environmental problems require solutions that draw from many academic areas. The environmental science concentration provides broad training in all of the sciences as well as in relevant social sciences. Students learn modern techniques for identifying and resolving environmental problems. All students complete an internship that provides them with an opportunity to work with environmental science professionals and to make career contacts with local, state and federal government agencies, industry, or private consulting firms. Majors in the biological sciences, chemistry, geology and physics departments may choose the environmental science concentration; requirements for the concentration are listed with each of these departments.

http://catalog.cortland.edu/preview_entity.php?catoid=9&ent_oid=390

Professional Science Master's (PSM) Program

PSM concentration in Energy and Sustainable Development (coming in 2010)

www.cortland.edu





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 10 of 25)

SUNY ESF

Center for Sustainable and Renewable Energy

SUNY-ESF is home to the SUNY Center for Sustainable and Renewable Energy, a 64-campus research and development clearinghouse in the critical area of energy sufficiency and sustainability.

<http://www.esf.edu/energycenter/>

EnSPIRE Offices of Environment and Society

Each of the two Universities on top of "University Hill" in Syracuse has impressive resources in environmental research and teaching. Together, they offer one of the strongest concentrations of environmental scholarship in the United States, if not the world.

<http://enspire.syr.edu/>

Center for Community Design Research

The Center for Community Design Research (CCDR) is an outreach program within the SUNY ESF Department of Landscape Architecture. Working in partnership with communities, elected officials, agencies, not-for-profit organizations, and other academic programs, the CCDR provides technical assistance, educational programs, and research projects that build community capacity to manage sustainable futures. CCDR activities provide educational and research opportunities for community residents, students, faculty, and staff, and promote the design and planning professions through community education, modeling new ways of working, and disseminating research findings.

<http://www.esf.edu/la/ccdr/>

Renewable Materials Institute

The Cellulose Research Institute's (CRI) mission is to stimulate development and dissemination of new fundamental knowledge about cellulose and related biopolymers leading to their increased utilization.

<http://www.esf.edu/Cellulose/>





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 11 of 25)

SUNY Oswego

Energy Institute

The SUNY Oswego Energy Institute is a two-week program designed for current and future middle and high-school physical science and technology education teachers that addresses energy topics relevant to current local and global needs in order to enable these individuals to pass on this knowledge to their own students.

The Institute covers topics such as the nature of energy, energy conservation, alternative energy sources, radiation safety, future energy resources, and energy's connection to politics and social cultures.

http://www.oswego.edu/academics/continuing/summerwintersessions/energy_institute.html#about

The Environmental Research Center

The Environmental Research Center (ERC) specializes in the analysis of emerging and legacy contaminants, including Con-gener-specific polychlorinated biphenyls (PCBs), Organochlorine pesticides and Polybrominated diphenyl ethers (PBDEs) in a variety of environmental matrices.

<http://www.oswego.edu/administration/ORSP/ERC>

Center for Energy Education and Economic Solutions at SUNY Oswego

A \$300,000 federal earmark secured by Congressman John M. McHugh will fund projects and help create the Center for Energy Education and Economic Solutions on the SUNY Oswego campus. The Center is a collaboration of Oswego, Morrisville State, Cayuga Community College, the Institute for the Application of Geospatial Technology and other development groups.

http://www.oswego.edu/news/index.php/site/news_story/powerful_partnership



Research and Development Partners and Facilities

Academic Institutions (page 12 of 25)



Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Morrisville State College

Center for Liquid Biofuels

The Center helps fund biodiesel research and infrastructure development in New York State as well as extensive research in the use of biofuels and byproducts.

<http://www.morrisville.edu/alternativeenergy/biodiesel.aspx>

Renewable Energy Training Center

The Morrisville State College Renewable Energy Training Center (RETC) is funded through a \$2 million grant awarded under the President's Community-based Job Training Grants, as implemented by the U.S. Department of Labor, Employment and Training Administration. The RETC is an alliance of employers, training providers, economic development partners, and K-12 schools to address long-term and short-term needs of New York State's renewable energy sector. The RETC provides technical short courses for unemployed youths or adults, as well as displaced and incumbent workers. Course curriculum will be based upon employer-identified skills gaps and needs. Training sessions will focus primarily on wind and biofuel renewable energy resources. Scholarships will be available for qualified individuals to defer some of the training course costs.

<http://retc.morrisville.edu/>

10kW wind turbine

In 2003, Morrisville State College installed a 10 kW wind turbine at its dairy complex. The wind turbine is used as a real-world laboratory for students in agricultural science, agricultural engineering, and renewable resources degree program.

<http://www.morrisville.edu/alternativeenergy/windturbine.aspx>

Anaerobic methane digester

The anaerobic digester project at Morrisville State College involves the design and construction of a hardtop plug-flow digester. The digester biologically treats dairy manure and other organic waste generated on campus to produce a stable effluent with improved physical, chemical, and biological characteristics. In the system, biogas (about 60% methane) is produced, captured, and combusted to generate heat and power using a 50 kW engine/generator set. A boiler that runs on either biogas or propane is also used to heat water during the startup phase of the system and anytime the engine generator set is not running.

<http://www.morrisville.edu/alternativeenergy/methanedigester.aspx>



NYSERDA



Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 13 of 25)

SUNY Potsdam

Environmental Studies

The curriculum emphasizes four components: humanities and social sciences, natural sciences, skills and the capstone experience. It seeks to provide students with an understanding of human attitudes and behaviors toward nature, and provides a grounding in science to prepare them to shape viable environmental policy and practice.

<http://www.potsdam.edu/academics/interdisciplinary/environmentalstudies/index.cfm>

St. Lawrence University

Environmental Studies

Environmental Studies at St. Lawrence University examines the interrelationships of the physical sciences, biological sciences, social sciences, and humanities to explore issues affecting the Northern NY and Adirondack region, the nation and global biosphere. The seminar structure of many courses allows in-depth research on issues relevant to the unique region that is home to the St. Lawrence, such as groundwater contamination, sustainable forest management, and bioaccumulation of environmental pollutants.

<http://envstudies.stlawu.edu/>

Syracuse University

CASE Center (Center for Computer Applications and Software Engineering) (EQS STAR Member)

CASE's vision is to be the University applied research center best able to rapidly assemble interdisciplinary academic and private sector teams to develop innovative solutions in complex behavioral, information and communication systems to accelerate business and community growth.

<http://case.syr.edu/home/>





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 14 of 25)

Syracuse University (continued)

Center for Environmental Systems Engineering (EQS STAR Member)

The Center for Environmental Systems Engineering (CESE) encompasses faculty from the Departments of Civil and Environmental Engineering and Chemical Engineering and Materials Science at Syracuse University. Faculty within CESE conduct research under the broad topic of environmental systems, focusing on two areas: Environmental Assessment and Environmental Technology.

<http://www.ecs.syr.edu/centers/cese/>

The Institute for Sensory Research (EQS STAR Member)

The Institute for Sensory Research (ISR) defines itself as a world class research center dedicated to the discovery and application of knowledge of the sensory systems. Integration of engineering, life and physical sciences, combining rigorous experimental methodology with mathematical analysis is stressed.

<http://www.isr.syr.edu/>

EQS Center Facility (EQS Star Member)

Indoor FlowField Laboratory and Institute for Sensory Research

http://www.eqstar.org/documents/2005/10/24/SU_IFL_ISR.pdf

EQS Center Facility (EQS Star Member)

Total Indoor Environmental Quality Facility

http://www.eqstar.org/documents/2005/10/24/SU_TIEQ.pdf





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 15 of 25)

Syracuse University (continued)

The Building Energy and Environmental Systems Laboratory (BEESL) (EQS STAR Member)

Research activities at BEESL are focused on Hygrothermal performance of materials for built environmental systems (HT-MBES) Coupled Heat, Air, Moisture and Pollutant Simulation (CHAMPS) Air Cleaning Technology (ACT) Intelligent Built Environmental Systems (i-BES) Material emissions and Indoor Air Quality (IAQ).

BEESL has state-of-the-art research facilities including capabilities to do both experimental and computer simulation analyses from material level to full-scale system performance. They are used for the following, but not limited to studies of:

- Indoor pollutant sources and sinks such as building materials and furnishings, office machines, consumer products, etc.
- Combined air, heat, moisture and contaminant transport through building envelopes. Interactions between indoor, outdoor environments and HVAC systems/components.
- Room air and contaminant distributions in personal/task, displacement, or mixing ventilations. Air and contaminant transports in multi-zone buildings and building dynamics.
- Air filtration/purification technologies for gas and particulate contaminants including stand-alone room air cleaners and those installed in HVAC ducts.
- Sensitivity, accuracy and reliability of environmental sensors and control systems.
- Ambient air samplers, industrial hygiene monitors, indoor air quality monitors, thermal comfort monitors and occupational protective equipment and materials.

<http://beesl.syr.edu/>

Center for Community Design and Research

The Center for Community Design Research (CCDR) is an outreach program within SUNY ESF Department of Landscape Architecture. Working in partnership with communities, elected officials, agencies, not-for-profit organizations, and other academic programs, CCDR provides technical assistance, educational programs, and research projects that build community capacity to manage sustainable futures. CCDR activities provide educational and research opportunities for community residents, students, faculty, and staff, and promote the design and planning professions through community education, modeling new ways of working, and disseminating research findings.

<http://www.esf.edu/la/ccdr/>





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 16 of 25)

Syracuse University (continued)

Renewable Materials Institute

The Renewable Materials Institute conducts research in the broad area of sustainable development of wood resources and the uses of wood products. Construction Management facilities for research and teaching include laboratories for construction safety, building materials and green construction. A dedicated computer laboratory, the Construction Management Laboratory provides specialized software for construction estimating, scheduling, project management, wood engineering design, computer aided design and drafting, finite element analysis and other specialized software.

Chemistry Facilities (STAR CENTER)

<http://www.esf.edu/chemistry/research/facility.htm>

Research Facilities-Council on Hydrologic Systems Science (EQS STAR Member)

<http://www.esf.edu/hss/>

C.J.K. Wang Wood Biodegradation Laboratory (EQS STAR Member)

<http://www.eqstar.org/documents/2005/10/24/ESF%20Anagnost.pdf>

The Center of Excellence in Environmental and Energy Systems (SyracuseCoE)

Organizationally, the Syracuse Center of Excellence in Environmental and Energy Systems (SyracuseCoE) is a federation of members, including industrial firms, businesses, research organizations, economic development agencies, and academic institutions. The purpose of the Syracuse Center of Excellence in Environmental and Energy Systems is to create jobs and wealth in New York State through collaborations in research, development, and education.

Leaders of SyracuseCoE, the EQS STAR Center, and the SyracuseCoE Office for Industry Collaboration work together closely through multiple joint committees and working groups that pursue collaborative initiatives and projects. For example, the three organizations join to offer an annual SyracuseCoE Symposium, which is held every October.

Upstate Medical University

Indoor Environment and Asthma Study Equipment

http://www.eqstar.org/documents/2005/10/24/indoor_env_asthma.pdf

Facilities: <http://www.eqstar.org/documents/2005/10/24/umu.pdf>





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 17 of 25)

Other

Upstate Freshwater Institute (EQS STAR Member)

The Upstate Freshwater Institute conducts numerous field monitoring programs and laboratory analyses. These programs support identification of water quality problems, changes in response to natural and anthropogenic influences, and insights into regulating processes.

http://www.upstatefreshwater.org/html/field_laboratory.html

Upstate Freshwater Institute Facilities

<http://www.eqstar.org/documents/2005/10/24/ufi.pdf>

Solar Energy Consortium

The Solar Energy Consortium is a new, industry-driven, nonprofit that provides leadership and resources to the solar energy industry in New York. The other academic institutions joining the consortium are Binghamton University, Clarkson University, Rensselaer Polytechnic Institute, SUNY New Paltz and the City University of New York

<http://thesolarec.org>





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 18 of 25)

Entrepreneurial Programs

Cornell University Johnson School

In addition to offering an extensive array of entrepreneurship classes, the Johnson School is at the heart of a major, multi-faceted research university whose entrepreneurial force is rapidly increasing. Cornell's extensive university-wide entrepreneurship programs have won national recognition for the innovative ways they combine academics, experiential learning, and commercialization interests.

<http://www.johnson.cornell.edu/academic/mba/entrepreneurship/index.html>

Syracuse University Whitman School of Management/Falcone Center for Entrepreneurship

For MBA and other master's students, SU offers graduate-level courses and a concentration in global entrepreneurial management (GEM). As part of a major research institution, the Entrepreneurship and Emerging Enterprises Program also supports an active agenda of leading edge research, publishes two academic journals, and disseminates knowledge that serves the needs of practicing entrepreneurs. The program is also closely connected to the community. Through the Falcone Center for Entrepreneurship SU supports a variety of innovative programs that serve the region, the country and international constituencies.

<http://whitman.syr.edu/eee/>

Binghamton University's "fast-track MBA" program

The School of Management's graduate programs reflects its commitment to educating and training students for leadership positions. Graduates are well-prepared for entrance into the job market through full-time and evening study in MBA programs; Executive MBA, focusing on high technology employers such as IBM and Lockheed Martin; executive MBA program for health care professionals; master of science in accounting program; and Ph.D. program, which prepares scholars for research and teaching careers in universities.

<http://www2.binghamton.edu/som/prospectivestudents/graduate/programoverview.html>





Research and Development Partners and Facilities

Click to Jump to:

► Academic Institutions

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Academic Institutions (page 19 of 25)

Entrepreneurship Programs (continued)

Clarkson's MBA program

Teamwork is a central focus of Clarkson's One-Year AACSB accredited MBA program. The programs emphasize the development of effective communication skills, including oral, written and multimedia methods. The core courses use cases, behavioral role playing, and simulation gaming as teaching methods. Several hands-on projects, consulting projects, and global business program opportunities provide application of theory to real business situations.

<http://www.clarkson.edu/business/mba/>

Le Moyne College's graduate business program

The Le Moyne College Master of Business Administration (MBA) program strives to develop decision-making managers for an increasingly complex world, who combine the art and science of leadership in a global perspective. Today's manager must be able to analyze everything from balance sheets to socio-cultural diversity. Le Moyne's Jesuit tradition stresses ethical and value analysis as well as oral and written communication.

<http://www.lemoyne.edu/tabid/485/Default.aspx/MBA/tabid/822/Default.aspx>

SUNY Oswego's graduate business program

The Master of Business Administration degree is intended to facilitate the career development of individuals presently in management positions or to provide foundation and in-depth study for individuals aspiring to move into management positions.

http://www.oswego.edu/academics/colleges_and_departments/business/programs/mba/index.html

SUNY Institute of Technology's graduate business program

For students seeking a career in business management, and for professionals pursuing career advancement, the MBA in Technology Management combines the study of management essentials with a unique focus on technology. SUNYIT's institutional infrastructure and technology emphasis provide an environment to integrate technology into the management curriculum.

<http://www.sunyit.edu/programs/graduate/mbatm/>



Research and Development Partners and Facilities

Centers for Advanced Technology (page 20 of 25)



Research and Development Partners and Facilities

Click to Jump to:

[Academic Institutions](#)

► [Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Center for Advanced Materials Processing

Dr. S.V. Babu, Director
Clarkson University-Box 5665
Potsdam, NY 13699-5665
Phone: 315.268.2336
Fax: 315.268.7615
Email: babu@clarkson.edu
<http://www.clarkson.edu/~dcamp/>

Center for Computer Applications and Software Engineering

Dr. Pramod Varshney, Director
2-212 Center for Science and Technology
Syracuse University
Syracuse, NY 13244-4100
Phone: 315.443.1062
Fax: 315.443.4745
Email: varshney@syr.edu
<http://www.case.syr.edu>

Institute of Biotechnology and Life Science Technologies

Linda Carr, Executive Director
Center for Life Science Enterprise
130 Biotechnology Building
Cornell University
Ithaca, NY 14853-2703
Phone: 607.255.2300
Fax: 607.255.6249
Email: llc2@cornell.edu
<http://www.biotech.cornell.edu>

Integrated Electronics Engineering Center

Dr Bahgat Sammakia, Director
SUNY at Binghamton
Thomas J. Watson School of Engineering
Vestal Parkway East, P.O. Box 6000
Binghamton, NY 13902-6000
Phone: 607.777.6880
Fax: 607.777.4683
Email: bahgat@binghamton.edu
<http://www.ieec.binghamton.edu/ieec/>



Research and Development Partners and Facilities

Regional Technology Development Centers (page 21 of 25)



Research and Development Partners and Facilities

Click to Jump to:

[Academic Institutions](#)

[Centers for Advanced Technology](#)

▶ [Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

CNY Technology Development Organization

Robert L. Trachtenberg, President
1201 East Fayette Street
Syracuse, NY 13210
Phone: 315.425-5144
Fax: 315.233.1259
Email: rtrachtenberg@tdo.org
<http://www.cnytdo.org/>

Regional Technology Development Center

Alliance for Manufacturing and Technology
Edward Gaetano, Executive Director
59 Court Street-6th Floor
Binghamton, NY 13901
Phone: 607.774.0022
Fax: 607.774.0026
Email: egaetano@amt-mep.org
<http://www.amt-mep.org>

Council for International Trade, Technology, Education and Communication

Thomas Plastino, Executive Director
Peyton Hall, Main Street Room 101
Clarkson University, Box 8561
Potsdam, NY 13699-8561
Phone: 315.268.3778
Fax: 315.268.4432
Email: plastino@citec.org
<http://www.citec.org/>

Mohawk Valley Applied Technology Corporation

Paul MacEnroe, President
207 Genesee Street, Suite 405
Utica, NY 13501
Phone: 315.793.8050
Fax: 315.793.8057
Email: paulm@mvatc.com
<http://www.mvatc.com/>



Research and Development Partners and Facilities

Centers of Excellence (page 22 of 25)



Research and Development Partners and Facilities

Click to Jump to:

[Academic Institutions](#)

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

► [Centers of Excellence](#)

[Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Cornell Sun Grant Center of Excellence

The Northeast Sun Grant Initiative (NE-SGI) Institute of Excellence resides at Cornell University. The Institute is responsible for administration of the regional NE-SGI competitive grants program. In addition, the Institute serves as a repository of information and data for the NE-SGI region bio-based energy and products research, education and outreach activities. Regional meetings and symposia will be organized through NE-SGI Institute of Excellence.

<http://nesungrant.cornell.edu/cals/sungrant/institute/index.cfm>

The Center of Excellence at Binghamton University

The Small Scale Systems Integration and Packaging (S3IP) is focused on R&D for small scale system design, design, process development, prototyping, and manufacturing for academia and the microelectronics industry. The United States Display Consortium selected Binghamton University to develop next generation roll-to-roll electronics manufacturing capabilities, which creates electronic devices on a roll of flexible plastic or metal foil.

<http://s3ip.binghamton.edu/>

The Center of Excellence in Environmental and Energy Systems (SyracuseCoE)

Organizationally, the Syracuse Center of Excellence in Environmental and Energy Systems (SyracuseCoE) is a federation of members, including industrial firms, businesses, research organizations, economic development agencies, and academic institutions. The purpose of the Syracuse Center of Excellence in Environmental and Energy Systems is to create jobs and wealth in New York State through collaborations in research, development, and education.

Leaders of SyracuseCoE, the EQS STAR Center, and the SyracuseCoE Office for Industry Collaboration work together closely through multiple joint committees and working groups that pursue collaborative initiatives and projects. For example, the three organizations join to offer an annual SyracuseCoE Symposium, which is held every October.

EQS STAR Center - The research arm of the CoE

The STAR Center for Environmental Quality Systems (EQS STAR Center) was created in May 2001 through a grant from the New York Office of Science, Technology and Academic Research (NYSTAR). The EQS STAR Center is the principal research arm of Syracuse University's Center of Excellence in Environmental & Energy Systems



Research and Development Partners and Facilities

Energy Frontier Research Centers (page 23 of 25)



Research and Development Partners and Facilities

Click to Jump to:

[Academic Institutions](#)

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

► [Energy Frontier Research Centers](#)

[Other Research Centers and Programs](#)

Center for Electrocatalysis Transport Phenomena and Materials for Innovative Energy Storage

General Electric

Location: Niskayuna NY

Director: Grigori Soloveichik,

Objective: Explore the fundamental chemistry needed for entirely new approach to energy storage that combines the best properties of fuel cell and flow battery.

Center for Emergent Superconductivity

Brookhaven National Laboratory

Location: Upton, NY

Director: J.C. Seamus Davis

Objective: By understanding the fundamental physics of superconductivity, discover new high temperature superconductors and improve the performance of known superconductors.

Nanostructured Interfaces for Energy Generation Conversion and Storage

Cornell University

Location: Ithaca NY

Director: Hector Abruna

Objective: Understand and control the nature, structure, and dynamics of reactions at electrodes in fuel cells, batteries, solar photovoltaics, and catalysts.

Northeastern Chemical Energy Storage Center

State University of New York, Stony Brook

Location: Stony Brook, NY

Director: Clare Grey

Objective: Understand how fundamental chemical reactions occur at electrodes and use that knowledge to tailor new electrodes to improve the performance of existing batteries or to design entirely new ones.

Re-Defining Photovoltaic Efficiency Through Molecule-Scale Control

Columbia University

Location: New York NY

Director: James Yardley

Objective: Develop the enabling science needed to realize breakthroughs in the efficient conversion of sunlight into electricity in nanometer sized thin films.

<http://www.science.doe.gov/bes/EFRC.html>





Research and Development Partners and Facilities

Click to Jump to:

[Academic Institutions](#)

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

► [Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Other Research Centers and Programs (page 24 of 25)

CNY Biotechnology Research Center

To commercialize extensive research findings, two cornerstones of CNY's research community —SUNY Upstate Medical University and SUNY College of Environmental Science and Forestry (ESF)— have partnered create the CNY Biotechnology Research Center (CNY-BRC).

<http://www.upstate.edu/biocenter/>

High Performance Computing Program

Provides small business access to the world's fastest supercomputers for advanced simulations, modeling, and development aimed at improving their operations. Participating institutions include University at Albany, Columbia University, New York University, Cornell University, University at Buffalo and SUNY Stony Brook.

www.nystar.state.ny.us/hpc/Welcom.html

New York State Pollution Prevention Institute (NYS P21)

NYS P21 and its partners (Clarkson University, University at Buffalo, Rensselaer Polytechnic Institute, and the 10 Regional Technology Development Centers of New York State) assist business with technology transfer and scale-up, including identification of pollution prevent opportunities and processes and product design.

www.nysp21.rit.edu

Research Equipment and Facilities Database

State-of-the-art research equipment, analysis, and prototyping facilities may be accessed by small companies unable to purchase equipment or develop on site.

www.nystar.state.ny.us/fef

Business Incubator Association of New York State, Inc.

The purposes of BIA/NYS, Inc., are:

- To expand the resources available to start-up companies and to work with policy-makers on matters affecting the growth and development of incubator-based enterprises;
- To promote through cooperation and on a broadly integrative basis the educational and entrepreneurial activities of incubators within the state; and
- To establish a structure and ongoing process to network business incubators, incubating/incubated companies, and other interested parties.

www.bianys.com





Research and Development Partners and Facilities

Click to Jump to:

[Academic Institutions](#)

[Centers for Advanced Technology](#)

[Regional Technology Development Centers](#)

[Centers of Excellence](#)

[Energy Frontier Research Centers](#)

► [Other Research Centers and Programs](#)

Research and Development Partners and Facilities

Other Research Centers and Programs (page 25 of 25)

Technology Incubators and Co-Location Facilities

There are over 80 incubator and co-location facilities across the state. These include technology-specific facilities for life science companies and broad-based business incubation centers.

www.nystar.state.ny.us/incubators.htm

Albany Law School

Our outstanding location offers unparalleled opportunities for law students. Albany, the home of New York's highest court, federal courts, and the state legislature, is itself a laboratory for the study of law. Albany Law School offers J.D., LL.M., and M.S. degrees, 14 concentrations and several joint degrees through accredited colleges and universities in the Capital Region and New York City. A wide array of field placements, including internships through the Albany Law Clinic & Justice Center, Government Law Center, and Center for Law & Innovation, provide students essential hands-on learning.

http://www.albanylaw.edu/sub.php?navigation_id=1

Center for Law and Innovation

The mission of the Center for Law & Innovation is to provide value for students, alumni, faculty and partners in the community through research, writing and educational initiatives that focus on the study of innovation and its impact on society and legal system. The center focuses on research and scholarly work in the areas of Forensics, Cybersecurity,

Cleantech/Greentech, Alternative, renewable and clean energy, Technological entrepreneurship, Stem cell research,

Technology transfer and commercialization, Nanotechnology and biotechnology

http://www.albanylaw.edu/sub.php?navigation_id=255

The New York State Science and Technology Law Center

The mission of the NYS STLC is to assist and provide information to New York's Centers for Advanced Technology, Strategically Targeted Academic Research Centers, Advanced Research Centers, Centers of Excellence, Generating Employment Through New York Science Centers (collectively, "Research Centers") and startup and early stage technology companies as they develop and market new technologies and seek to compete in the high technology marketplace. To this end, the NYS STLC advises the Research Centers, NYSTAR, academic institutions, and other public and private stakeholders on a wide range of technology-related legal issues, including the protection and commercialization of intellectual property, technology transfer practices, patents, copyright and trademark law, and licensing agreements.

<http://nysstlc.syr.edu/>





Business Development Resources

Click to Jump to:

Environmental Improvement Resources

► Technical Assistance Programs

[Financial Assistance Programs](#)

[Tax Incentive Programs](#)

[Permit Programs](#)

[Exporting](#)

[Market Information](#)

[Clean Energy Training Providers](#)

Business Development Resources

Environmental Improvement Resources (page 1 of 7)

Technical Assistance Programs

Environmental Compliance Assistance

Small Business Environmental Ombudsman (SBEO)

Small businesses typically do not have environmental managers, consultants or attorneys on staff to interpret complex air quality requirements or to keep up with regulatory changes and developments affecting their operations. Through the Small Business Environmental Ombudsman (SBEO), businesses can receive free confidential assistance to better understand and comply with air quality regulations.

http://www.empire.state.ny.us/Manufacturing & Environment/Environment/sb_compliance.asp

Small Business Environmental Assistance Program (SBEAP)

The New York State Environmental Facilities Corporation's Small Business Environmental Assistance Program (SBEAP) provides free, confidential technical assistance to small businesses in New York State to help them comply with federal or State air emission requirements.

<http://www.nysefc.org/home/index.asp?page=20>

Brownfield Development

Technical assistance to facilitate the remediation and redevelopment of brownfields.

www.empire.state.ny.us/Brownfield_Redevelopment/Default.asp

Regional Permit Administrators

Provide assistance for NYS environmental permits by providing related public information, and performing comprehensive environmental analyses to assure timely and consistent decisions.

<http://www.dec.ny.gov/about/39381.html>





Business Development Resources

Click to Jump to:

Environmental Improvement Resources

[Technical Assistance Programs](#)

► [Financial Assistance Programs](#)

[Tax Incentive Programs](#)

[Permit Programs](#)

[Exporting](#)

[Market Information](#)

[Clean Energy Training Providers](#)

Business Development Resources

Environmental Improvement Resources (page 2 of 7)

Financial Assistance Programs

Energy Use Reduction

Flexible Technical Assistance (FlexTech)

FlexTech's primary focus is to increase productivity and economic competitiveness by identifying and encouraging implementation of cost-effective energy efficiency measures. NYSEERDA has contracted with engineering firms that were competitively selected through an RFP process, to provide a variety of technical assistance services to New York State companies, custom-tailored to their energy-related needs.

<http://www.nyserda.org/programs/flextech.asp>

Existing Facilities Program

The New York State Energy Research and Development Authority's (NYSEERDA) Existing Facilities Program offers incentives for a variety of energy projects including Pre-Qualified Measures and Performance-Based incentives.

http://www.nyserda.org/programs/Existing_facilities/default.html

New Construction Program

The New Construction Program (NCP) can provide assistance to incorporate energy-efficiency measures into the design, construction, and operation of new and substantially renovated buildings. These measures are designed to save energy through reduced electric demand, and therefore reduce building operating costs.

http://www.nyserda.org/programs/New_Construction/

Industrial Process and Product Innovation

Funding incentives for projects that develop, demonstrate, and commercialize innovative technologies that provide an energy benefits to an industrial process in the manufacturing or agricultural sectors.

www.nyserda.org/businessdevelopment

Renewable Portfolio Standard Customer-Sited Tier Fuel Cell Program

Financial Incentives to support the purchase, installation and operation of stationary fuel cell electric power generation equipment.

www.nyserda.org/funding/1150pon.asp





Business Development Resources

Click to Jump to:

Environmental Improvement Resources

[Technical Assistance Programs](#)

► [Financial Assistance Programs](#)

[Tax Incentive Programs](#)

[Permit Programs](#)

[Exporting](#)

[Market Information](#)

[Clean Energy Training Providers](#)

Business Development Resources

Environmental Improvement Resources (page 3 of 7)

Financial Assistance Programs (continued)

Energy Efficiency

Financial and technical assistance for electric and gas efficiency. Programs are available through local utilities through New York State.

www.askpsc.com/energyefficiency.com

Pollution Prevention and Waste Reduction

Environmental Investment Program (EIP)

The Environmental Investment Program (EIP) provides funding for capital investments, research, development and demonstration, and technical assistance projects that produce measurable results in pollution prevention, reuse, and recycling.

<http://www.empire.state.ny.us/Manufacturing & Environment/Environment/default.asp>

Clean Vessel Assistance Program (CVAP)

New York State's CVAP was established to protect and improve water quality in New York's navigable waterways. The CVAP is a federally funded program that provides grants to marinas for the installation, renovation and replacement of pump out stations for the removal and disposal of recreational boater septic waste. Grants are also available for annual operation and maintenance of pump out facilities, and information and education to boaters on the benefits, use and availability of pump outs. EFC provides administration for the grant programs and also outreach and education to marinas and boaters in New York State.

<http://www.nysefc.org/home/index.asp?page=21>

Industrial Finance Program (IFP)

Since 1970, the New York State Environmental Facilities Corporation's (EFC) Industrial Finance Program (IFP) has helped its clients manage their wastes, control pollution, build and improve drinking water, waste water and solid waste facilities, and comply with environmental regulations.

<http://www.nysefc.org/home/index.asp?page=18>



Business Development Resources

Environmental Improvement Resources (page 4 of 7)



Business Development Resources

Click to Jump to:

Environmental Improvement Resources

[Technical Assistance Programs](#)

► [Financial Assistance Programs](#)

[Tax Incentive Programs](#)

[Permit Programs](#)

[Exporting](#)

[Market Information](#)

[Clean Energy Training Providers](#)

Financial Assistance Programs (continued)

New York Green Buildings Tax Credit Program (GBTC)

The Green Building Tax Credit provides for tax credits to owners and tenants of eligible buildings and tenant spaces which meet certain “green” standards. These standards increase energy efficiency, improve indoor air quality, and reduce the environmental impacts of large commercial and residential buildings in New York State, among other benefits.

<http://www.dec.ny.gov/energy/218.html>

Industrial Effectiveness Program (IEP)

Empire State Development (ESD) offers a range of resources to help businesses identify and transform environmental concerns into market opportunities and competitive advantages. Through its Environmental Services Unit, ESD provides business with Financial Assistance, Permitting and Compliance Assistance, Market Information and Technology Transfer.

http://www.empire.state.ny.us/Manufacturing_ & Environment/Environment/default.asp





Business Development Resources

Click to Jump to:

Environmental Improvement Resources

[Technical Assistance Programs](#)

[Financial Assistance Programs](#)

► Tax Incentive Programs

Permit Programs

[Exporting](#)

[Market Information](#)

[Clean Energy Training Providers](#)

Business Development Resources

Environmental Improvement Resources (page 5 of 7)

Tax Incentive Programs

Business Expansion or Relocation Tax Incentive

Incentives for companies expanding or relocating in the Empire State.

www.empire.state.ny.us/Tax_and_Financial_Incentives/Taxes_and_Incentives/default.asp

Empire Zones

Tax credits and utility rate reduction for qualified capital investments and/or job creation in selected geographic areas.

www.empire.state.ny.us/Tax_and_Financial_Incentives/Empire_Zones/descriptions_benefits.asp

New York Green Building Tax Credit Program

Building owners and developers may receive deductions from their state taxes for eligible expenses associated with constructing or designing green buildings or for rehabilitating existing buildings to include 'green' features.

www.dec.ny.gov/energy/218.html

Permits Programs

Environmental Permits

New York State Department of Environmental Conservation provides procedural assistance and serves as the single point of contact for preparing and filing applications, managing the process, and receipt of NYS environmental permits.

www.dec.ny.gov/permits/363.html

General Permits and Licenses

Some businesses require special New York State permits, such as licenses, registration or similar forms of authorization. The Governor's Office of Regulatory Reform provides assistance identifying permits and licenses that may be required by New York State for particular business activities. Visit their web site:

www.gorr.state.ny.us/gorr or www.nys-permits.org





Business Development Resources

Click to Jump to:

Environmental Improvement Resources

[Technical Assistance Programs](#)

[Financial Assistance Programs](#)

[Tax Incentive Programs](#)

[Permit Programs](#)

► Exporting

Market Information

[Clean Energy Training Providers](#)

Business Development Resources

Environmental Improvement Resources (page 6 of 7)

Exporting

Exporting Market Assistance Services

Technical Assistance to identify foreign sales agents and distributors.

www.empire.state.ny.us/International/Export_Marketing_Assistance_Services.asp

Global Export Marketing Services

Matching grants for export marketing, strategic trade events and expanding export sales for industry groups.

www.empire.state.ny.us/International/Global_Export_Markets_Services.asp

Export NY

In-depth classes for small and medium enterprises to learn how to develop and implement a strategic export market sales plan.

www.empire.state.ny.us/Regions_and_Counties/default.asp

International Trade Shows and Missions

Participation in trade shows and missions to major international trade events.

http://www.empire.state.ny.us/Regions_and_Counties/default.asp

Market Information

NYS Data Center

Census, economic and demographic data.

www.empire.state.ny.us/nysdc/default.asp

Recycling Markets Database

An online database of recyclers and reuse organizations in the Northeast.

www.empire.state.ny.us/recycle



Business Development Resources

Clean Energy Training Providers (page 7 of 7)



Business Development Resources

Click to Jump to:

[Environmental Improvement Resources](#)

[Technical Assistance Programs](#)

[Financial Assistance Programs](#)

[Tax Incentive Programs](#)

[Permit Programs](#)

[Exporting](#)

[Market Information](#)

► [Clean Energy Training Providers](#)

Biomass

Morrisville State College

107 Brikneel Hall
Morrisville, NY 13408

SUNY ESF

1 Forestry Drive
Syracuse, NY 13210
315.470.6817

Energy Efficiency (BPI-recognized)

Broome County Community College

907 Upper Front Street
Binghamton, NY 13905

NYS Weatherization Directors Association

5869 Syracuse, NY 13057
315.701.0440

OCM-BOCES

Lee G. Peters Training Center
4500 Crown Road
Liverpool, NY 13090

Performance Systems Academy

124 Brindley Street, Suite 4
Ithaca, NY 14850

Solar Thermal

Morrisville State College

107 Brikneel Hall
Morrisville, NY 13408

Energy Efficiency

Mohawk Valley Community College

1101 Sherman Drive
Utica, NY 13501
315.792.5321

Onondaga Community College

4585 West Seneca Turnpike
Syracuse, NY 13215
315.498.2171
Solar Photovoltaic

Broome County Community College

907 Upper Front Street
Binghamton, NY 13905

Mohawk Valley Community College

1101 Sherman Drive
Utica, NY 13501
315.792.5321

Morrisville State College

107 Brikneel Hall
Morrisville, NY 13408

Solar Photovoltaic (NABCEP-recognized)

SUNY ESF

1 Forestry Drive
Syracuse, NY 13210
315.470.6817

Wind

Morrisville State College

107 Brikneel Hall
Morrisville, NY 13408



Funding and Business Assistance Programs

Federal Funding and Assistance (page 1 of 19)



Funding and Business Assistance Programs

Click to Jump to:

Federal Funding and Assistance

► Programs

[Technical Assistance](#)

[Funding](#)

[State Funding and Assistance](#)

[Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Programs

American Recovery and Reinvestment Act

The American Recovery and Reinvestment Act is focused on job creation, tax cuts, infrastructure investment, and technological investments including the clean tech sector.

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=111_cong_bills&docid=f:h1enr.pdf

Department of Energy

The Department of Energy's overarching mission is to advance the national, economic, and energy security of the United States; to promote scientific and technological innovation in support of that mission; and to ensure the environmental cleanup of the national nuclear weapons complex.

<http://www.energy.gov/>

Environmental Protection Agency

EPA leads the nation's environmental science, research, education and assessment efforts. The mission of the Environmental Protection Agency is to protect human health and the environment. Since 1970, EPA has been working for a cleaner, healthier environment for the American people.

<http://www.epa.gov/>

Department of Transportation

The Department of Transportation serve the United States by ensuring a fast, safe, efficient, accessible and convenient transportation system that meets the vital interest of the nation and enhances the quality of life of the American people, today and into the future.

<http://www.dot.gov/new/index.htm>

United States Department of Agriculture and Rural Development

Rural Development is working to eliminate substandard housing from rural America by helping rural people buy, build or rent decent housing. It also creates jobs by funding the growth and creation of rural businesses and cooperatives.

<http://www.rurdev.usda.gov/>

U.S. Small Business Association

The U.S. Small Business Administration (SBA) was created in 1953 as an independent agency of the federal government to aid, counsel, assist and protect the interests of small business concerns, to preserve free competitive enterprise and to maintain and strengthen the overall economy of the United States.

<http://www.sba.gov/>



Funding and Business Assistance Programs

Federal Funding and Assistance (page 2 of 19)



Funding and Business Assistance Programs

Click to Jump to:

Federal Funding and Assistance

[Programs](#)

► [Technical Assistance](#)

[Funding](#)

[State Funding and Assistance](#)

[Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Technical Assistance

Small Business Ombudsman

Technical assistance and referrals to state programs for starting and expanding a small business.

www.nylovesmallbiz.com

New York Academy of Science

The New York Academy of Sciences works to advance scientific knowledge, mobilize science to address major global challenges, and increase the number of scientifically informed individuals in society. It accomplishes this through a broad and dynamic range of programs and services.

<http://www.nyas.org/>

New York State Environmental Facilities Corporation

The New York State Environmental Facilities Corporation provides low-cost capital and Expert Technical Assistance to Municipalities, Businesses, and State Agencies for Environmental Projects in New York State.

<http://www.nysefc.org/home/index.asp?page=1>

New York State Department of Environmental Conservation

The purpose of the New York State Department of Environmental Conservation is to conserve, improve and protect New York's natural resources and environment and to prevent, abate and control water, land and air pollution, in order to enhance the health, safety and welfare of the people of the state and their overall economic and social well-being.

<http://www.dec.ny.gov/>



Funding and Business Assistance Programs

Federal Funding and Assistance (page 3 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

► [Funding](#)

[State Funding and Assistance](#)

[Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Funding

New York Business Development Corporation

New York Business Development Corporation (NYBDC) is a complement to conventional banking, working in partnership with banks to provide term loans, many of which do not meet the requirements for traditional financing. Its goal is to be more creative in underwriting. In many cases, projects include multiple participations, SBA guarantees, flexible amortization and long-term payouts.

<http://www.nybdc.com/>

New York State Energy Research and Development Authority

NYSERDA strives to facilitate change through the widespread development and use of innovative technologies to improve the State's energy, economic, and environmental wellbeing. RD&D funds provide essential funding for applied research of emerging renewable energy and energy efficiency technologies to encourage innovation commercial application in building systems, industry, energy resources, transportation, and power systems.

<http://www.nyserda.org/>

Appalachian Regional Commission (ARC)

ARC provides assistance for economic development projects in fourteen counties in New York State's Southern Tier (Allegany, Broome, Cattaraugus, Chautauqua, Chemung, Chenango, Cortland, Delaware, Otsego, Schoharie, Schuyler, Steuben, Tioga, and Tompkins counties).

www.dos.state.ny.us/ogss/pdfs/ARC/APPGUIDANCE.pdf

Flexible Business Financing

Flexible Business Financing can be used for capital improvements, machinery and equipment, and job creation.

http://www.empire.state.ny.us/Tax_and_Financial_Incentives/financial_incentives.asp

Downstate Revitalization Fund and Upstate Regional Blueprint Fund

Provides loans, grants, and subsidized loans to assist business capital investment.

http://www.empire.state.ny.us/Tax_and_Financial_Incentives/financial_incentives.asp

Commercial District Revolving Loan Trust Fund

Provides loans to small businesses for working capital up to \$15,000, not to exceed five years. It also provides fixed asset loans of up to \$20,000, not to exceed seven years.

212-803-3664

<http://www.banking.state.ny.us/sba/region5.htm>



Funding and Business Assistance Programs

Federal Funding and Assistance (page 4 of 19)



Funding and Business Assistance Programs

Click to Jump to:

Federal Funding and Assistance

[Programs](#)

[Technical Assistance](#)

► [Funding](#)

[State Funding and Assistance](#)

[Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Funding (continued)

Renewable Portfolio Standard Customer-Sited Tier Fuel Cell Program

Financial incentives to support the purchase, installation and operation of stationary fuel cell electric power generation equipment.

www.nyserda.org/funding/1150pon.asp

Clean Energy Manufacturing Incentive Program

Funding incentives to expand the level of manufacturing of renewable, clean and energy efficient products in New York State.

www.nyserda.org/newbusiness.asp

Clean Energy Business Growth and Development

Funding to establish or help grow clean energy industry and environmental businesses in New York State.

www.nyserda.org/businessdevelopment





Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

► [Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Funding and Business Assistance Programs

State Funding and Assistance (page 5 of 19)

Funding

Linked Deposit Program

Interest rate reductions of 2% or more on loans from commercial banks, savings banks, savings and loans, farm credit bureaus and NY business Development Corporation.

www.empire.state.ny.us/Tax_and_Financial_Incentives/Loan_Discounts/default.asp

Manufacturing Assistance Program

Capital grants to manufacturers with at least 50 employees, investing \$1M or more to expand production.

www.empire.state.ny.us/Manufacturing_&_Environment/manufacturing_assistance_program.asp

New York State Community Development Block Grant Small Business Program

Funding for eligible applicants for small business assistance and to conduct microenterprise programs.

www.nysocr.org

Regional Revolving Loan Trust Fund

Working capital loans and loan guarantees to small business employing fewer than 100 employees. Loans of up to \$75,000 or 50% of the total project cost, whichever is less, and working capital loan guarantees of up to 80% of the loan amount, not to exceed \$80,000.

www.nylovesmwbe.ny.gov/Financial%20Resources/RRLTF.htm

Clean Energy Business Growth and Development

Funding to establish or help grow clean energy industry and environmental businesses in New York State.

www.nyserda.org/businessdevelopment

Renewable Portfolio Standard Customer-Sited Tier Fuel Cell Program

Financial incentives to support the purchase, installation and operation of stationary fuel cell electric power generation equipment.

www.nyserda.org/funding/1150pon.asp

Clean Energy Manufacturing Incentive Program

Funding incentives to expand the level of manufacturing of renewable, clean and energy efficient products in New York State.

www.nyserda.org/newbusiness.asp



Funding and Business Assistance Programs

State Funding and Assistance (page 6 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

► [Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Funding (continued)

Certified Development Company Loans (CDC/504 loan program)

The CDC/504 loan program is a long-term financing tool for economic development within a community. Proceeds from 504 loans must be used for fixed asset projects such as: purchasing land and improvements, including existing buildings, grading, street improvements, utilities, parking lots and landscaping; construction of new facilities, or modernizing, renovating or converting existing facilities; or purchasing long-term machinery and equipment.

<http://www.sba.gov/services/financialassistance/sbaloantopics/cdc504/index.html>

Empire State Certified Development Corporation

50 Beaver Street
Albany, NY 12207
518-463-2268
www.nybdc.com

Great Syracuse Business Development Corp.

572 South Salina Street
Syracuse, NY 13202
315-470-1888
www.gsbdc.com

Mohawk Valley Certified Development Corporation

26 West Main Street
Mohawk, NY 13407
315-866-4671
www.mvedd.org

Operation Oswego County, Inc.

44 West Bridge Street
Oswego, NY 13126
315-343-1545
www.oswegocounty.org



Funding and Business Assistance Programs

State Funding and Assistance (page 7 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

► [Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Funding (continued)

Small Business Innovation Research Program (SBIR) and Small Business Technology Transfer Program (STTR)

The U.S. Small Business Administration (SBA) Office of Technology administers the Small Business Innovation Research (SBIR) Program and the Small Business Technology Transfer (STTR) Program. Through these two competitive programs, SBA ensures that the nation's small, high-tech, innovative businesses are a significant part of the federal government's research and development efforts. Eleven federal departments participate in the SBIR program; five departments participate in the STTR program awarding \$2billion to small high-tech businesses. The U.S National Science Foundation administers the SBIR.GOV site on behalf of the federal government.

<http://www.sbir.gov/>

U.S. Small Business Administration

Office of Technology
409 Third Street S.W., 8th floor
Washington, DC 20416
202-205-6450

CNY Technology Development Organization, Inc.

1201 East Fayette Street
Syracuse, NY 13210
315-425-5144
315-233-1259 Fax





Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

► [Funding](#)

[Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Funding and Business Assistance Programs

State Funding and Assistance (page 8 of 19)

Funding (continued)

Linked Deposit Program

Interest rate reductions of 2% or more on loans from commercial banks, savings banks, savings and loans, farm credit bureaus and NY Business Development Corporation.

www.empire.state.ny.us/Tax_and_Financial_Incentives/Loan_Discounts/default.asp

Manufacturing Assistance Program

Capital grants to manufacturers with at least 50 employees, investing to expand production.

www.empire.state.ny.us/Manufacturing_&_Environment/manufacturing_assistance_program.asp

New York State Community Development Block Grant Small Business Program

Funding for eligible applicants for small business assistance and to conduct microenterprise programs.

www.nysocr.org

Regional Revolving Loan Trust Fund

Working capital loans and loan guarantees to small business employing fewer than 100 employees. Loans of up to \$75,000 or 50% of the total project cost, whichever is less, and working capital loan guarantees of up to 80% of the loan amount, not to exceed \$80,000.

www.nylovesmwbe.ny.gov/Financial%20Resources/RRLTF.htm

Clean Energy Business Growth and Development

Funding to establish or help grow clean energy industry and environmental businesses in New York State.

www.nyserda.org/businessdevelopment

Renewable Portfolio Standard Customer-Sited Tier Fuel Cell Program

Financial incentives to support the purchase, installation and operation of stationary fuel cell electric power generation equipment.

www.nyserda.org/funding/1150pon.asp

Clean Energy Manufacturing Incentive Program

Funding incentives to expand the level of manufacturing of renewable, clean and energy efficient products in New York State.

www.nyserda.org/newbusiness.asp





Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

► [Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Funding and Business Assistance Programs

State Funding and Assistance (page 9 of 19)

Programs

Empire State Development

Empire State Development (ESD) is New York's economic development agency that strives to provide businesses with assistance tailored to meet their needs.

<http://www.empire.state.ny.us/> or ESD Regional Offices www.empire.state.ny.us/Regions_and_Counties/default.asp

ESD Programs

Empire State Economic Development Fund (EDF)

Assists companies with general developing financing

http://www.empire.state.ny.us/press/press_display.asp?id=889

Manufacturing Assistance Program (MAP)

Encourages manufacturers to invest in projects that will better their operations

http://www.empire.state.ny.us/Manufacturing_&_Environment/manufacturing_assistance_program.asp

Empire Zone Program (EZ)

Stimulates economic growth and development through a variety of state tax incentives

http://www.empire.state.ny.us/tax_and_Financial_Incentives/Empire_Zones/default.asp

Entrepreneurial Assistance Program (EAP)

Assists new and aspiring entrepreneurs start a business

www.empire.state.ny.us/Small_and_Growing_Businesses/entr_assistance.asp

Environmental Investment Program (EIP)

Transforms environmental concerns into marketable opportunities and competitive advantages for businesses

http://www.nylovesbiz.com/Productivity_Energy_and_Environment/Environmental_Assistance/pollution_prevention.asp

Linked Deposit Program (LDP)

Offers subsidized interest rate loans to small businesses

<http://www.empire.state.ny.us/pdf/LDPFAQ.pdf>



Funding and Business Assistance Programs

State Funding and Assistance (page 10 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

► [Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Programs (continued)

Small Business Investment Company Program

Created by Congress in 1958 to bridge the gap between entrepreneurs' need for capital and traditional financing sources. Licensed and regulated by the SBA, SBICs are privately owned and managed investment funds that make capital available to qualifying small business through investments or loans.

<http://www.sba.gov/aboutsba/sbaprograms/inv/aboutus/index.html>

NBT Capital Corporation

19 Eaton Avenue
Norwich, NY 13851
607-337-6810

NYBDC Capital Corporation

50 Beaver Street
Albany, NY 12207
518-463-2268

Small Business Technology Investment Fund (SBTIF)

The SBTIF provides early stage, venture capital funding for high-technology start-ups through New York State. SBTIF looks for companies who have developed innovative products or services with large market potential and have strong intellectual property.

www.nystar.state.ny.us/sbtif.htm

Microloan Program

The SBA Microloan Program provides small loans ranging from \$500 to \$35,000. Proceeds can be used for typical business purposes such as working capital, machinery and equipment, inventory and leasehold improvements. Interest rates are negotiable.

<http://www.sba.gov/services/financialassistance/sbaloantopics/microloans/index.html>



Funding and Business Assistance Programs

State Funding and Assistance (page 11 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

► [Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Programs (continued)

Alternatives Federal Credit Union

301 West State Street
Ithaca, NY 14850
607-273-4611
www.alternatives.org

Counties Served: Broome, Chemung, Cortland, Schuyler, Tioga, Tompkins

The Prime Contracts Program

Through the Prime Contracts Program, the SBA helps to increase small business' share of government prime contracts. SBA Procurement Center Representatives work to expand contracting opportunities for small businesses.

<http://www.sba.gov/aboutsba/sbaprograms/gc/index.html>

Watertown PTAC

1241 Coffeen Street
Watertown, NY 13601
315-788-4400



Funding and Business Assistance Programs

State Funding and Assistance (page 12 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

► [Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Programs (continued)

Chambers of Commerce

The U.S. Chamber of Commerce is the world's largest business federation representing 3 million businesses of all sizes, sectors, and regions, as well as state and local chambers and industry associations. More than 96% of U.S. Chamber members are small businesses with 100 employees or fewer. <http://www.uschamber.com/about/default.htm>

1000 Island Clayton

517 Riverside Drive
Clayton, NY 13624
315-686-3771

Cape Vincent

173 North James
P.O. Box 482
Cape Vincent, NY 13618
315-654-2481

Fair Haven Area

P.O. Box 13
Fair Haven, NY 13064
315-947-6037

Greater Liverpool

314 Second Street
Liverpool, NY 13088
315-457-3895

Alexandria Bay

7 Market Street
P.O. Box 365
Alexandria Bay, NY 13607
800-541-2110

Carthage Area

120 South Mechanic Street
Carthage, NY 13619
315-493-3590

Fulton County Regional

2 North Main Street
Gloversville, NY 12078
518-725-0641

Greater Mexico

3236 Main Street
Mexico, NY 13114
315-963-1042

Bainbridge

P.O. Box 2
Bainbridge, NY 13733
607-967-8700

Cayuga County

36 South Street
Auburn, NY 13021
315-252-7291

Gouverneur

214 East Main Street
Suite 101
Gouverneur, NY 13642

Greater North Syracuse

P.O. Box 324
North Syracuse, NY 13212
315-458-4181

Boonville Area

122 Main Street
Boonville, NY 13309
315-942-5112

Central Adirondack Association

3140 State Route 28
Old Forge, NY 13420
315-369-6983

Greater Baldwinsville

59 Albany Street
Baldwinsville, NY 13207
315-638-0550

Greater Ogdensburg

330 4th Street
Ogdensburg, NY 13669
315-393-3620

Camden Area

P.O. Box 134
Camden, NY 13316

Clinton

P.O. Box 142
Clinton, NY 13323
315-853-1735

Greater Binghamton

49 Court Street
P.O. Box 995
Binghamton, NY 13902
607-772-8860

Greater Oswego-Fulton

44 East Bridge Street
Oswego, NY 13216
315-343-7681

Canastota

222 S. Peterboro Street
P.O. Box 206
Canastota, NY 13032
315-697-3677

Cortland County

37 Church Street
Cortland, NY 13045
607-756-2814

Greater Cazenovia

55 Albany Street
Cazenovia, NY 13035
315-655-9243

Greater Syracuse

572 South Salina Street
Syracuse, NY 13202
315-470-1800



Funding and Business Assistance Programs

State Funding and Assistance (page 13 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

► Programs

[Additional Resources](#)

[Regional Funding and Assistance](#)

Programs (continued)

Chambers of Commerce (continued)

Greater Watertown
1241 Coffeen Street
Watertown, NY 13601
315-788-4400

Herkimer County
28 West Main Street
Mohawk, NY 13407
315-866-7820

Lewis County
7383-C Utica Boulevard
Lowville Common, NY 13367
315-376-2213

Malone
497 East Main Street
Malone, NY 12953
518-483-3760

Mohawk Valley
Radisson Hotel
200 Genesee Street, Ste. One
Utica, NY 13502
315-724-3151

Montgomery County
12 South Bridge Street
P.O. Box 836
Fonda, NY 12068
518-853-1800

Otsego County
189 Main Street, Ste. 201
Oneonta, NY 13820
607-432-4500

Potsdam
One Market Street
Potsdam, NY 13676
315-274-9000

Pulaski/Eastern Shore
3044 State Route 13
Pulaski, NY 13142
315-298-2213

Richfield Area
P.O. Box 909
Richfield Springs, NY 13439
315-858-2553

Rome Area
139 West Dominick Street
Rome, NY 13440
315-337-1700

Schoharie County
113 Park Place
Schoharie, NY 12157
518-295-7033

Schoharie County
113 Park Place
Schoharie, NY 12157
518-295-7033

Southern Madison County
10 Utica Street
P.O. Box 3
Hamilton, NY 13346
315-737-9538

St. Lawrence County
101 Main Street, 1st Fl.
Canton, NY 13617
315-386-4000

Tioga County
80 North Avenue
Owego, NY 13827
607-687-2020

Tompkins County
904 East Shore Drive
Ithaca, NY 14850
607-273-7080



Funding and Business Assistance Programs

State Funding and Assistance (page 14 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

► Programs

[Additional Resources](#)

[Regional Funding and Assistance](#)

Programs (continued)

Economic Development Organizations

Economic Development Organization offer many programs and services for start-up businesses or established businesses that are looking to expand or relocate. Services include site location, tax incentives and loan packages.

Empire State Development Offices
Business Assistance Hotline
800-STATE NY (782-8369)

Central New York Region
620 Erie Boulevard West
Suite 112
Syracuse, NY 13204
315-425-9110

Southern Tier Region
State Office Building
44 Hawley Street, Room 1508
Binghamton, NY 13901
607-721-8605

Watertown Empire State Development
Dulles State Office Building
317 Washington Street, Room 212
Watertown, NY 13601
315-785-7941

Mohawk Valley Region
207 Genesee Street
Room 1604
Utica, NY 13501
315-793-2366

Broome County Planning and Economic Development
44 Hawley Street
Binghamton, NY 13901
607-778-2114

Cayuga County
Planning Department
Economic Development
Department
160 Genesee Street
Auburn, NY 13210
315-253-1276

Planning and Economic Development Department
Memorial City Hall, 24 S. Street
Auburn, NY 13021
315-255-4115

Chenango County Area Corp. Industrial Development Agency
19 Eaton Avenue
Norwich, NY 13815
607-334-5532

Cortland County Business Development Corporation/ Cortland County Industrial Development Agency
37 Church Street
Cortland, NY 13045
607-756-5005

Fulton County Economic Development Corporation
122C Balzano Drive
Johnstown, NY 12095
518-773-7950

Herkimer County Area Development Corporation
P.O. Box 336
Mohawk, NY 13407
315-867-5725

Herkimer County Industrial Development Agency
301 North Washington Street,
4th Floor
Herkimer, NY 13350
315-867-1373

Jefferson County Development Authority of the North Country
317 Washington Street
Watertown, NY 13601
315-7852593

Watertown Local Development Corporation
800 Starbucks Avenue, Ste. 801
Watertown, NY 13601
315-786-3494

Jefferson County Job Development Agency
800 Starbucks Avenue, Ste. 800
Watertown, NY 13601
315-782-5865



Funding and Business Assistance Programs

State Funding and Assistance (page 15 of 19)



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

► [Programs](#)

[Additional Resources](#)

[Regional Funding and Assistance](#)

Economic Development Organizations (continued)

Lewis County Economic Development Zone

7383 C Utica Boulevard
Lowville, NY 13367
315-376-2213

Madison County Industrial Development Agency

Canastota Business Center
3215 Seneca Turnpike
Canastota, NY 13032
315-697-9817

Montgomery County Amsterdam Urban Renewal

City Hall, 61 Church Street
Amsterdam, NY 12010
518-843-5190

Oneida County Industrial Development Agency

153 Brooks Road
Rome, NY 13441
315-338-0393

Mohawk Valley Edge

153 Brooks Road
Rome, NY 13441
315-338-0393

Onondaga County CNY Regional Development Board

126 North Salina Street, Suite 200
Syracuse, NY 13202
315-422-8276

Greater Syracuse Business Development Corporation

572 South Salina Street
Syracuse, NY 13202
315-435-3770

Onondaga County Office of Economic Development

Civic Center
421 Montgomery Street
Syracuse, NY 13202
315-435-3770

Syracuse Economic Development Corporation

223 East Washington Street, Room 221
Syracuse, NY 13202
314-448-8101

CNY TDO Solutions for Manufacturing and Technology

445 Electronic Parkway, Suite 206
Liverpool, NY 13088
315-425-5144

City of Oswego Community Development Office

20 West Oneida Street,
3rd Floor
Oswego, NY 13126
315-343-3795

Operation Oswego County

44 West Bridge Street
Oswego, NY 13126
315-343-1545

Otsego County Economic Development Department

242 Main Street
Oneonta, NY 13820
607-432-8871

St. Lawrence County Industrial Development Agency

48 Court Street
Canton, NY 13617
315-379-9806

St. Lawrence County Office of Economic Development

48 Court Street
Canton, NY 13617
315-379-2282

Tioga County Economic Development and Planning

56 Main Street
Owego, NY 13827
607-687-8255

Tompkins County Area Development, Inc.

200 East Buffalo Street,
Suite 102A
Ithaca, NY 14850
607-273-0005

Alliance for Manufacturing and Technology (AM&T)

59 Court Street, 6th Floor
Binghamton, NY 13901
607-774-0022

Counsel for International Trade, Technology, Education and Communication

65 Main Street,
Rooms 101/201, Peyton Hall
Box 8561, Clarkson University
Potsdam, NY 13669
315-268-3778



Funding and Business Assistance Programs

State Funding and Assistance (page 16 of 19)

Additional Resources



Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

State Funding and Assistance

[Funding](#)

[Programs](#)

► [Additional Resources](#)

[Regional Funding and Assistance](#)

Appleseed Trust

220 Herald Place, 2nd Floor
Syracuse, NY 13202
315-424-9485

Syracuse Southside Innovation Center (SSIC)

South Salina Street
Syracuse, NY 13202
315-443-8600

Nelson Farms-Morrisville Auxiliary Corporation

3261 Route 20
Cazenovia, NY 13035
315-655-8831

Space Alliance Technology Outreach Program (SATOP)

The Tech Garden
235 Harrison Street
Syracuse, NY 13202
315-474-0910

Syracuse University Law Center

Office Clinical Legal Education
P.O. Box 6543
Syracuse, NY 13217
315-443-4582

Syracuse Cooperative Federal Credit

723 Westcott Street
Syracuse, NY 13210
315-471-1116 ext. 230

The Business Training Institute

Entrepreneur Center, Radisson Center
200 Genesee Street
Utica, NY 13502
315-733-9848





Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

[State Funding and Assistance](#)

[Funding](#)

[Programs](#)

[Additional Resources](#)

► [Regional Funding and Assistance](#)

Funding and Business Assistance Programs

Regional Funding and Assistance (page 17 of 19)

Additional Resources (continued)

CCMR JumpStart Program

The JumpStart program of the Cornell Center for Materials Research (CCMR) is designed to help small NYS businesses solve concrete problems related to materials through collaborations with university research centers.

The program provides:

- A one-semester project utilizing university expertise
- An opportunity to build a relationship with university faculty and facilities
- Up to \$5,000 in matching NYSTAR funding

<http://www.ccmr.cornell.edu/industry/jumpstart/>

New York's Creative Core Emerging Business Plan Competition

The competition is a project of the Central Upstate Regional Alliance, a 12 county public/private consortium that works on a variety of regional issues and opportunities. The Business Plan Competition is designed to:

- Stimulate job creation and business development by providing financial and in-kind resources to companies in the Central Upstate New York region.
- Increase the entrepreneurial culture and visibility of entrepreneurial activity in the Creative Core.
- Increase investment-grade deal flow in the Creative Core.
- Identify several high growth potential business opportunities in Central Upstate & connect these opportunities to a wide range of business development and capital resources both during the competition and beyond.

http://www.creativecoreny.com/index.php?option=com_content&task=view&id=71&Itemid

Panasci Business Plan Competition

The Panasci Business Plan Competition is designed to spur the entrepreneurial spirit of students in creating growth-oriented business models, both undergraduate and graduate levels, at Syracuse University. Entrant teams can range in size from as small as one student to more than five members on the team.

<http://whitman.syr.edu/eee/bplan/businessplan.asp>

Pre-Seed Workshop

The primary goal is to help potential entrepreneurs to determine the commercial merit of their ideas, to assess the team's start-up fortitude, and for those ideas that do have commercial merit, organize the idea to move forward. The workshop consists of two days of hands-on working sessions. Team members, typically volunteers from the business and academic communities, include





Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

[State Funding and Assistance](#)

[Funding](#)

[Programs](#)

[Additional Resources](#)

► [Regional Funding and Assistance](#)

Funding and Business Assistance Programs

Regional Funding and Assistance (page 18 of 19)

Additional Resources (continued)

another technologist, an MBA student, an IP or business start-up lawyer (or value-added individual), a tech transfer officer, and a business coach (e.g., a serial entrepreneur or experienced start-up CEO). The intent is to simulate a ‘real’ start-up team with expertise in technology, business, finance, law, etc..

<http://www.thetechgarden.com/preseed> or www.PSW-NY.com

NYSERDA Scholarship

NYSERDA is particularly interested in supporting the commercialization of more energy-related products. They are providing scholarships to researchers developing energy-related technologies to cover the costs of participation in the Pre-Seed Workshop.

To be considered for a NYSERDA scholarship, your technology or invention must have application in the Energy Industry. Categories include, but are not limited to: Renewable Energy, Electric Vehicles, Fuel Cells, BioFuels, Smart Grid

<http://www.psw-ny.com/scholarship.php>

The Grants for Growth (GFG)

The Grants for Growth program is a unique seed program that offers up to \$75,000 in matching funds for innovative applied research projects between universities and industry that have the potential to improve business competitiveness and create jobs. Through a combination of grants and long-term, no-interest loans, the program seeks to give companies in Central Upstate New York greater access to the unique knowledge, expertise and educational resources available at regional research institutions.

http://www.creativecoreny.com/index.php?option=com_content&task=view&id=70&Itemid=

SyracuseCoE CARTI Program

The ‘Collaborative Activities for Research and Technology Innovation’ (CARTI) projects targets basic and applied research in two focused areas: air quality and water resource management. This program is supported by the U.S. Environmental Protection Agency under award Em-83340401-0.

SyracuseCoE TAD Program

SyracuseCoE Technology Application and Demonstration awards grow the Central Upstate New York economy by funding the thorough, collaborative testing of environmental quality product and service innovations as a step toward commercialization. Commercialization of innovations is funded by the Commercialization Assistance Program. TAD projects considered for awards demonstrate the ‘first proof of principle’ or ‘reduction to practice’ phase of a new product or service associated with air and water quality in built and urban environments. These are competitively awarded funds.

<http://syracusecoe.org/OIC/oictad.aspx>





Funding and Business Assistance Programs

Click to Jump to:

[Federal Funding and Assistance](#)

[Programs](#)

[Technical Assistance](#)

[Funding](#)

[State Funding and Assistance](#)

[Funding](#)

[Programs](#)

[Additional Resources](#)

► [Regional Funding and Assistance](#)

Funding and Business Assistance Programs

Regional Funding and Assistance (page 19 of 19)

Private Funding

UVANY

The Upstate Venture Association of New York is a statewide organization formed to advance venture capital and private equity investments throughout upstate New York. Members and participants include seed capital, venture capital and private equity sources, as well as many nonresident-financing sources interested in making upstate investments. Additional members and participants include legal and accounting firms, banks, and economic and industrial development agencies.

<https://www.uvany.org/>

Angel Fund Network

A collaboration among organized angel investor groups resulted in formation of the New York Angel Network (NYAN). NYAN consists of 10 organized Angel Investor Groups in Albany, Buffalo, Long Island, New York City, and two each in the Hudson Valley and Rochester, Central New York and the Southern Tier. Membership in these groups currently total more than 200 individual investors.

<http://www.uvany.com/resources/details.asp?newsid=52>

Seed Capital Fund of CNY

Seed Capital Fund members invest in and guide early stage technology companies in Syracuse and Central/Upstate New York. The goal is to create wealth for investors and assist the region's transition to a high-tech, high-growth economy.

<http://www.scfcny.com/>





Market Leaders

Click to Jump to:

Clean Tech Center and
SyracuseCoe Partners

► Organizations

[Associations and Organizations](#)

[National Councils](#)

[Regional Councils](#)

[Technical Support](#)

[Other Organizations](#)

Market Leaders

Clean Tech Center and SyracuseCoE Partners (page 1 of 7)

Organizations

NYSERDA

New York State Energy Research and Development Authority (NYSERDA) is a public benefit corporation created in 1975 under Article 8, Title 9 of the State Public Authorities Law through the reconstitution of the New York State Atomic and Space Development Authority. NYSERDA's earliest efforts focused solely on research and development with the goal of reducing the State's petroleum consumption. Subsequent research and development projects focused on topics including environmental effects of energy consumption, development of renewable resources, and advancement of innovative technologies.

<http://www.nyserda.org/>

National Grid

Is a wholly owned subsidiary of National Grid, an international, London-based company whose core business is the delivery of electricity and natural gas. National Grid has a strong commitment to clean tech and is a smart grid leader.

<http://www.nationalgridus.com/>

Carrier Corporation

From the time its founder invented the basics of modern air conditioning in 1902, Carrier has been the world leader in air conditioning, heating and refrigeration systems. A wholly-owned subsidiary of United Technologies Corporation, Carrier is built upon a legacy of innovation and commitment. Through market-leading products and solutions, it is constantly striving to help people live more comfortable, healthy and productive lives.

<http://www.corp.carrier.com/www/v/index.jsp?vgnextoid=9d087afdef677010VgnVCM100000cb890b80RCRD>

Corning

Since its earliest days, Corning Incorporated, the world leader in specialty glass and ceramics, has worked closely with customers to understand their problems, explore possible solutions, and then bring those solutions to life through world-class scientific and manufacturing capabilities.

<http://www.corning.com/index.aspx>

NYSTAR

NYSTAR supports technology development, innovation and commercialization leading to economic growth in New York State.

<http://www.nystar.state.ny.us/>



Market Leaders

Clean Tech Center and SyracuseCoE Partners (page 2 of 7)



Market Leaders

Click to Jump to:

Clean Tech Center and
SyracuseCoe Partners

► Organizations

[Associations and Organizations](#)

[National Councils](#)

[Regional Councils](#)

[Technical Support](#)

[Other Organizations](#)

Organizations (continued)

IBM

IBM helped pioneer information technology over the years, and it stands today at the forefront of a worldwide industry that is revolutionizing the way in which enterprises, organizations and people operate and thrive, particularly in regard to intelligent building design and systems integration.

<http://www.ibm.com/us/en/>

Siemens

Siemens AG (NYSE: SI) is a global powerhouse in electronics and electrical engineering, and operates in the industry, energy and healthcare sectors.

<http://www.usa.siemens.com/entry/en/>

King & King

King & King, Architects LLP has a rich history in the Upstate New York area. Founded in 1868, it is the oldest architectural firm in New York State and the fifth oldest in the country. In the Syracuse area, some notable buildings include Crouse College, Bird Library, and Manley Field House, all on the Syracuse University campus; Onondaga County Courthouse.

<http://www.kingarch.com/>

Greater Syracuse Chamber of Commerce and Convention and Visitors Bureau

The Greater Syracuse Chamber of Commerce is the largest business organization in Central New York. The Chamber is an icon in the Syracuse business community, leading the way in everything from government relations and lobbying to creating economic growth in the region.

<http://www.syracusechamber.com/>





Market Leaders

Click to Jump to:

[Clean Tech Center and SyracuseCoe Partners](#)

► [Organizations](#)

[Associations and Organizations](#)

[National Councils](#)

[Regional Councils](#)

[Technical Support](#)

[Other Organizations](#)

Market Leaders

Clean Tech Center and SyracuseCoE Partners (page 3 of 7)

Organizations (continued)

US Department of Energy (DOE)

The Department of Energy's overarching mission is to advance the national, economic, and energy security of the United States; to promote scientific and technological innovation in support of that mission; and to ensure the environmental cleanup of the national nuclear weapons complex.

<http://www.energy.gov/>

Environmental Protection Agency

EPA leads the nation's environmental science, research, education and assessment efforts. The mission of the Environmental Protection Agency is to protect human health and the environment. Since 1970, EPA has been working for a cleaner, healthier environment for the American people.

<http://www.epa.gov/>

Metropolitan Development Association

The MDA is a private, not-for-profit corporation, representing the business leadership of Syracuse and Central New York. Membership of the MDA comprised of the chief executive officers of the largest corporations and institutions in the region with acknowledged leadership in manufacturing, finance, distribution, bio-technology, real estate, construction, medical technology, education and law.

<http://www.mda-cny.com/>

Tate Access Floors, Inc.

Tate is the largest raised access floor manufacturer in North America, allowing Tate to service large and small projects simultaneously. As the leading authority on underfloor service distribution Tate leverages its 45 years of experience in the industry to provide technical support and education to the design and construction community.

<http://www.tateaccessfloors.com/>

O'Brien & Gere

O'Brien & Gere is an employee-owned engineering and project delivery company with over 850 scientists, engineers, construction, and operation personnel located in 30 offices across the U.S. With a 60-year history of applying technology and innovation, O'Brien & Gere is a leader in providing total capital & facilities, energy, environmental, and water solutions.

<http://www.obg.com/>





Market Leaders

Click to Jump to:

Clean Tech Center and
SyracuseCoe Partners

► Organizations

[Associations and Organizations](#)

[National Councils](#)

[Regional Councils](#)

[Technical Support](#)

[Other Organizations](#)

Market Leaders

Clean Tech Center and SyracuseCoE Partners (page 4 of 7)

Organizations (continued)

Environmental Finance Center at Syracuse University

The Environmental Finance Center at Syracuse University is tasked by the EPA with facilitating the development of sustainable communities. It connects motivated local government officials and private organizations with technical assistance, assessment tools, and funding offered by a large network of collaborators and resources. It also provides professional training and community outreach to engage, educate, and enable the public to make change toward improved environmental infrastructure and quality of life.

<http://efc.syracusecoe.org/>

Air Innovations

Air Innovations designs and manufactures specialized air conditioning systems and environmental control equipment for a variety of industries that are installed worldwide. The company, established in 1986, is known for its expertise in applications that require precise control of temperature, humidity, pressure and filtration. Air Innovations' capabilities range from concept development to prototyping and testing, from made-in-the-USA manufacturing to regulatory submissions and international distribution.

<http://www.airinnovations.com/>

C&S Companies

Full-service, project delivery specialists—the C&S team includes more than 400 professionals and tradespeople engaged in making built environments stronger, natural environments richer, and all environments more sustainable. Its mission is to advance quality of life in an ever-changing world.

<http://www.cscos.com/>

CDH Energy

Provides energy system and technology analysis, using both field monitoring and energy simulation skills to assess technologies, verify savings, assess markets, or determine application feasibility. Applications include: building system design options analysis, energy savings project feasibility studies, product assessment and technology research and demonstration.

<http://www.cdhenergy.com/>

Arup

Is an independent firm of designers, planners, engineers, consultants and technical specialists offering a broad range of professional services.

<http://www.arup.com/>



Market Leaders

Clean Tech Center and SyracuseCoE Partners (page 5 of 7)



Market Leaders

Click to Jump to:

[Clean Tech Center and SyracuseCoe Partners](#)

► [Organizations](#)

[Associations and Organizations](#)

[National Councils](#)

[Regional Councils](#)

[Technical Support](#)

[Other Organizations](#)

Organizations (continued)

Northeast Natural Homes

The essence of Northeast is designing, teaching, and building in Nature’s Image. It is nature-inspired ecological design & building firm with origins in the sciences of ecology and biology, and the built environment. The company draws inspiration from the Haudenosaunee Confederacy and its living decision-making principle-to always deliberate for the Seventh Generation to follow.

<http://www.ngbc.us/>

Sensis

Founded in 1985, Sensis Corporation is a global provider of air defense, air traffic control, airline and airport operations management, and data integration and distribution. The company serves a global client base and is actively involved in industry organizations and working groups worldwide, helping to address critical issues and develop innovative, real-world solutions.

<http://www.sensis.com/>

SRC

As a not-for-profit, research and development company that develops unique, creative solutions for nationally significant challenges in defense, environmental, and intelligence, SRC is committed to redefining possible.™

<http://www.syrres.com/>

Fulton Boiler

Fulton is a global manufacturer of steam, hot water and thermal fluid heat transfer systems. Fulton products include steam boilers, hot water boilers, thermal fluid heaters, temperature control units, custom engineered systems, boiler rooms and a full range of ancillary equipment.

<http://www.fulton.com/>

Syracuse University

From its founding in 1870, Syracuse University has been the embodiment of Scholarship in Action—education that transcends traditional boundaries through a combination of innovative thinking, daring choices and entrepreneurial attitude.

<http://www.syr.edu/>





Market Leaders

Click to Jump to:

[Clean Tech Center and SyracuseCoe Partners](#)

[Organizations](#)

Associations and Organizations

► [National Councils](#)

[Regional Councils](#)

[Technical Support](#)

[Other Organizations](#)

Market Leaders Associations and Organizations

(page 6 of 7)

National Councils

U.S. Green Building Council

The mission of the U.S. Green Building Council New York Upstate Chapter is to provide an unparalleled opportunity to accelerate change and help shape the future of green building practices in the Chapter Region.

US Green Building Council

<http://www.greenupstateny.org/>

Regional Councils

New York State Association of Regional Councils

The New York State Association of Regional Councils (NYSARC) is composed of 10 locally created regional councils throughout New York State, dedicated to studying the needs and conditions of a region and developing strategies that enhance intergovernmental cooperation. The regional council serves a district of local communities whose residents are joined as a unit economically, socially, and geographically.

<http://www.nysarc.com/>

Central New York Regional Council <http://www.cnyrpdb.org/>

Southern Tier Regional Council <http://www.stcplanning.org/>

North Country Regional Council <http://www.co.oneida.ny.us/business>

Manufacturer's Association of Central New York (MACNY)

The Manufacturers Association of Central New York (MACNY, The Manufacturers Association) advocates for the growth and development of New York's manufacturing sector, a critical component of a vibrant New York economy. As a not-for-profit 501(c)6 association, about three-quarters of MACNY members are engaged in manufacturing. The remaining members include companies networking with and assisting manufacturers, including financial, engineering and law firms, suppliers for manufacturing and others. In total, the Manufacturers Association represents approximately 350 businesses and 55,000 workers across nineteen counties in Upstate New York.

<http://www.macny.org/>





Market Leaders

Click to Jump to:

[Clean Tech Center and SyracuseCoe Partners](#)

[Organizations](#)

Associations and Organizations

[National Councils](#)

[Regional Councils](#)

► [Technical Support](#)

[Other Organizations](#)

Market Leaders Associations and Organizations (page 7 of 7)

Technical Support

UNYTECH

UNYTECH is a collaborative effort among leading research institutions in the Upstate New York region including Alfred University, Binghamton University, Clarkson University, Cornell University, SUNY College of Environmental Science and Forestry, Rensselaer Polytechnic Institute, Research Foundation of SUNY, Rochester Institute of Technology, Syracuse University, University at Albany, University at Buffalo, and University of Rochester, venture capital firms, service providers, and economic development agencies in the Upstate New York region. Universities in Upstate New York contribute immensely to the intellectual capital and high technology economy of the region. The eleven participating universities together have research and development expenditures over \$1 billion. Research carried out within these universities translates into commercially viable products and services.

<http://www.unytech.org/>

The Tech Garden

Is a place where ideas come to grow into profitable businesses. The Tech Garden's goal is to be the focal point for high-technology entrepreneurship and business growth in the region by fostering entrepreneurial activity in Syracuse and the Central New York region. The state-of-the-art facility provides the environment and resources required to grow and sustain these early-stage companies. The Tech Garden's experienced on-site staff helps entrepreneurs:

- Develop tailored Business Development Plans
- Connect with experienced mentors
- Access angel investments and venture capital
- Meet potential clients and strategic partners

www.thetechgarden.com

Other Organizations

The Business Incubator Association of New York

The Business Incubator Association of New York State, Inc. (BIA/NYS) is a nonprofit trade association established in late 2005. In summary, its three-part mission is (a) to expand the resources available to incubator-based enterprises and to work with policy-makers on matters affecting them; (b) to promote through cooperation the entrepreneurial activities of incubators within the state; and (c) to network business incubators, incubating/incubated companies, and other interested parties.

<http://bianys.com/>



Sources Cited

Sources cited include the websites listed in this directory



Sources Cited

Cazenovia College
<http://www.cazenovia.edu/>

Clarkson University
<http://www.clarkson.edu/>

Colgate
<http://www.colgate.edu/>

Cornell
<http://www.cornell.edu/>

Le Moyne
<http://www.lemoyne.edu/>

Onondaga Community College
<http://www.sunyocc.edu/>

SUNY Binghamton
<http://www2.binghamton.edu/>

SUNY Cortland
<http://www.cortland.edu/>

SUNY ESF
<http://www.esf.edu/>

SUNY Oswego
<http://www.oswego.edu/>

SUNY Potsdam
<http://www.potsdam.edu/>

SUNY Morrisville
<http://www.morrisville.edu/>

St. Lawrence University
<http://www.stlawu.edu/>

Upstate Medical Center
<http://www.upstate.edu/>

Upstate Freshwater Institute
 (EQS STAR Member)
http://www.upstatefreshwater.org/html/field_laboratory.html

Upstate Freshwater Institute
 Facilities
<http://www.eqstar.org/documents/2005/10/24/ufi.pdf>

Empire State Development
 Business and Economic Development
 Product Guide
<http://nysl.nysed.gov/uhtbin/cgisirsi/GiGRkyLKHQ/NYSL/283640013/2/5>

New York State
<http://www.empire.state.ny.us/>

Energy Frontier Research
 Centers
<http://www.science.doe.gov/bes/EFRC.html>

Air Innovations
<http://www.airinnovations.com/>

Arup
<http://www.arup.com/>

C&S Companies
<http://www.cscos.com/>

Carrier Corporation
<http://www.corp.carrier.com/www/v/index.jsp?vgnextoid=9d087afd ef677010VgnVCM100000cb890 b80RCRD>

CDH Energy
<http://www.cdhenergy.com/>

Corning
<http://www.corning.com/index.aspx>

Fulton Boiler
<http://www.fulton.com/>

IBM
<http://www.ibm.com/us/en/>

King & King
<http://www.kingarch.com/>

National Grid
<http://www.nationalgridus.com>

Northeast Natural Homes
<http://www.ngbc.us/>

O'Brien & Gere
<http://www.obg.com/>

Sensis
<http://www.sensis.com/>

Siemens
<http://www.usa.siemens.com/entry/en/>

SRC
<http://www.syrres.com/>

Tate Access Floors, Inc.
<http://www.tateaccessfloors.com/>

Binghamton University's "fast-track MBA" program
<http://www2.binghamton.edu/som/prospectivestudents/graduate/programoverview.html>

Clarkson's MBA program
<http://www.clarkson.edu/business/mba/>



Sources Cited



Sources Cited

Cornell University
Johnson School
<http://www.johnson.cornell.edu/academic/mba/entrepreneurship/index.html>

Le Moyne College's graduate business program
<http://www.lemoyne.edu/tabid/485/Default.aspx/MBA/tabid/822/Default.aspx>

SUNY Oswego's graduate business program
http://www.oswego.edu/academics/collges_and_departments/business/programs/mba/index.html

SUNY Institute of Technology's graduate business program
<http://www.sunyit.edu/program/graduate/mbatm>

Syracuse University Whitman School of Management/Falcone Center for Entrepreneurship
<http://whitman.syr.edu/eee/>

Alternatives Federal Credit Union
www.alternatives.org

American Recovery and Reinvestment Act
http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=111_cong_bills&docid=f:h1enr.pdf

Angel Fund Network
<http://www.uvany.com/resources/details.asp?newsid=52>

Chambers of Commerce
<http://www.uschamber.com/about/default.htm>

CNY Biotechnology Research Center
<http://www.upstate.edu/biocenter/>

CNY Works
www.cnyworks.com

Cortland County BDC-IDA
www.cortlandbusiness.com

Cortland Downtown Partnership
www.cortlanddowntown.com

Department of Energy
<http://www.energy.gov/>

Department of Transportation
<http://www.dot.gov/new/index.htm>

Empire State Development
<http://www.empire.state.ny.us/>

Environmental Improvement Resources for Business in New York State
http://www.empire.state.ny.us/pdf/polution_prevention_recycle/ESUDirectory122208.pdf

Environmental Protection Agency
<http://www.epa.gov/>

Greater Syracuse Chamber of Commerce and Convention and Visitors Bureau
<http://www.syracusechamber.com>

High Performance Computing Program
www.nystar.state.ny.us/hpc/Welcome.html

Jump Start Inc.
<http://www.jumpstartinc.org/>

Linked Deposit Program
www.empire.state.ny.us/Tax_and_Financial_Incentives/Loan_Discounts/default.asp

Madison County IDA
www.madisoncountyny.com/mcida

Manufacturing Assistance Program
www.empire.state.ny.us/Manufacturing_Environment/manufacturing_assistance_program.asp

Manufacturer's Association of Central New York (MACNY)
<http://www.macny.org/>

Metropolitan Development Association
<http://www.mda-cny.com/>

New York Academy of Science
<http://www.nyas.org/>

New York Business Development Corporation
<http://www.nybdc.com/>

New York State Association of Regional Councils
<http://www.nysarc.com/>

New York State Community Development Block Grant Small Business Program
www.nysocr.org

New York State Department of Environmental Conservation
<http://www.dec.ny.gov/>





Sources Cited

Sources Cited Entrepreneurial Business Schools

New York State
Department of Labor
www.labor.state.ny.us

New York State
Department of State
<http://www.state.gov/>

New York State Directory of
Small Business Programs
<http://www.nylovesbiz.com/pdf/smallBusiness/DirectoryofSmall-BizPrograms0909.pdf>

New York State Energy Research
and Development Authority
<http://www.nyserda.org/>

New York State Environmental
Facilities Corporation
<http://www.nysefc.org/home/index.asp?page=1>

New York State Pollution Preven-
tion Institute (NYS P21)
www.nysp21.rit.edu

NYSERDA
<http://www.nyserda.org/>

NYSTAR
<http://www.nystar.state.ny.us/>

Operation Oswego County
www.oswegocounty.org

Panasci Business
Plan Competition
<http://whitman.syr.edu/eee/bplan/businessplan.asp>

Pre-Seed Workshop
<http://www.thetechgarden.com/preseed>

Regional Revolving
Loan Trust Fund
www.nylovesmwbe.ny.gov/Financial%20Resources/RRLTF.htm

Regional Seed Funds
NYC
www.nystar.state.ny.us/sbtif/nyc-seed.htm

Western New York
www.nystar.state.ny.us/sbtif/wnybdf.htm

Research Equipment and
Facilities Database
www.nystar.state.ny.us/fe

Small Business
Development Centers
www.sba.gov/aboutsba/sbaprograms/sbdc/index.html

Syracuse Economic
Development Department
www.syracuse.ny.us/EconDev/index.asp

Seed Capital Fund of CNY
<http://www.scfcny.com/>

Small Business Innovation
Research Program (SBIR) and
Small Business Technology
Transfer Program (STTR)
<http://www.sbir.gov/>

Small Business Ombudsman
www.nylovesmallbiz.com

Small Business Technology
Investment Fund (SBTIF)
www.nystar.state.ny.us/sbtif.htm

Syracuse Growth Council
www.syracusecentral.com

Technology Incubators and
Co-Location Facilities
www.nystar.state.ny.us/incubators.htm

The Business Incubator
Association of New York
<http://bianys.com/>

The Grants for Growth (GFG)
http://www.creativecoreny.com/index.php?option=com_content&task=view&id=70&Itemid

The New York State Science and
Technology Law Center
<http://nysstlc.syr.edu/>

The Tech Garden
www.thetechgarden.com

U.S. Green Building Council
<http://www.greenupstateny.org/>

US Small Business
Administration
www.sba.gov

United States Department of
Agriculture and Rural
Development
<http://www.rurdev.usda.gov/>

UNYTECH
<http://www.unytech.org/>

US Department of Energy (DOE)
<http://www.energy.gov/>

U.S. Small Business Association
<http://www.sba.gov/>

UVANY
<http://www.uvany.org/>

