



Sustainable Development & Collaborative Governance



Handbook for New York



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2016

Governor Andrew M. Cuomo

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GOVERNOR ANDREW M. CUOMO

In 1984, the United Nations defined sustainability as “meeting the needs of the present without compromising the ability of future generations to meet their own needs.” Similarly, the Iroquois hold a Seventh-Generation philosophy—that is, our current actions should take into consideration the effects on the next seven generations.

It is one thing to define sustainability, and quite another to achieve it. Creating sustainable communities requires collaborative, innovative governance, but most governments are not set up to address complex, multi-disciplinary issues like sustainability. Agencies are often too rigid and stove-piped—as we know all too well—but we know that whole of government investment has a greater impact than the sum of its parts.

When I became Secretary of Housing and Urban Development in 1997, it became clear that the traditional bureaucracy was not equipped to tackle regional development issues in a holistic, cross-functional way. So with President Clinton, we developed a Consolidated

Planning mechanism that combined several programs, eliminated red tape, and required grantees to submit a comprehensive plan to receive funding. We won a prestigious Innovations in American Government Award for that program from Harvard University and the Ford Foundation.

During my time as Governor of New York State, we have taken these concepts to the next level by laying the ground-work for collaborative, bottom-up, regional governance through the Regional Economic Development Councils, the Upstate Revitalization Initiative, the Downtown Revitalization Initiative, and the Cleaner, Greener Regional Sustainability Plans. These public-private partnerships bring communities together to leverage resources and bring a shared vision to life.

With the need for greater sustainability growing more urgent, government must adapt and innovate. And New York State is leading the way. We are making thoughtful regional investments that are mutually reinforcing—a vibrant, walkable, diverse and green downtown attracts young workers, which in turn attracts businesses,

which creates greater resources to invest back into the community in a virtuous cycle of revitalization.

With all we've accomplished in the last six years, there's always more to be done—and that's why we're hosting regional sustainability conferences in every part of New York State. We are engaging even more public, private, and nonprofit sector leaders who can build thriving, sustainable communities where investments in housing, transportation, economic development, and the environment work hand-in-glove. We have developed this handbook as a guide, with success stories and a directory of state programs related to community revitalization.

So let me conclude with these wise words from a Founding Father, Thomas Jefferson: "... the earth belongs to each generation during its course, and fully in its own right, no generation can contract debts greater than may be paid during the course of its own existence."

Andrew M. Cuomo
Governor

Comprehensive Planning Resources in New York

Comprehensive planning is the essential process of defining a community's goals and directing resources, over time, to achieve them. Through comprehensive planning, public, private, and non-profit sectors can work together to promote sustainable development.

In New York, the Regional Economic Development Councils (REDCs) are a main forum for comprehensive planning in each of the state's ten regions. Beyond the REDCs, state agencies offer numerous opportunities for municipalities, businesses, and community organizations to undertake projects that support a region's sustainable development goals.

Regional Economic Development Councils (REDCs)

In 2011, Governor Cuomo established ten Regional Councils to redefine the way New York invests in economic growth by putting in place a community-based, bottom-up approach to planning and establishing a competitive process for State resources. The councils, chaired by the Lieutenant Governor, are public-private partnerships comprised of local experts and stakeholders from business, academia, local government, and non-governmental organizations.

To learn more about the council in your region, visit regionalcouncils.ny.gov.



In 2011, Regional Councils adopted five-year regional strategic economic development plans, updated annually to address new challenges and opportunities. Since 2011, the State has invested almost \$4 billion in over 4,100 REDC projects.

In 2016, the Regional Councils are competing for up to \$175 million in capital funds and \$70 million in Excelsior Tax Credits for projects to advance strategic economic development plans. While all ten Regional Councils will receive some project funding through the Consolidated Funding Application (see below for details), the competition emphasizes Regional Council performance and strategy implementation.

The Consolidated Funding Application (CFA) process opened in May and closed in late July. Awards will be announced in late fall, 2016. For information about the 2017 CFA, visit your Regional Council's website in spring, 2017. Regional Council websites also provide information about upcoming CFA workshops where applicants can learn more about the programs included in the CFA and eligibility standards for those programs.

This year, CFA applicants applied to over twenty State programs, representing over \$750 million in grants and tax credits. These include:

Direct Assistance to Business and Other Organizations: Up to \$262 million

Empire State Development

- o Up to \$175 million for ESD Grant Funds
- o Up to \$70 million for Excelsior Jobs Program
- o Up to \$2.5 million Business Incubator and Innovation Hot Spot Support Program
- o Up to \$1 million for ESD Grants for Strategic Planning and Feasibility Studies
- o Up to \$13.5 million for Market New York

Community Development: Up to \$55 million

- o New York State Council on the Arts
- o Up to \$5 million for Arts, Culture and Heritage Projects
- o Homes and Community Renewal

- o Up to \$25 million for New York State Community Development Block Grant Program
- o Up to \$5 million for New York Main Street Program
- o Office of Parks, Recreation and Historic Preservation
- o Up to \$20 million for Environmental Protection Fund Grants

Waterfront Revitalization: Up to \$20.5 million

- o Department of State
- o Up to \$19.5 million for the Local Waterfront Revitalization Program
- o New York State Canal Corporation
- o Up to \$1 million for the Canalway Grants Program

Energy: Up to \$60 million

- o New York State Energy Research and Development Authority
- o Up to \$60 million for Energy Efficiency Programs
- o New York State Power Authority
- o Up to 150MW for the ReCharge NY Program

Environmental Improvements: Up to \$40 million

- o Department of Environmental Conservation
- o Up to \$2 million for NYS DEC/EFC Wastewater Infrastructure Engineering Planning Grant
- o Up to \$26 million for the Water Quality Improvement Projects (WQIP) Program
- o Environmental Facilities Corporation
- o Up to \$10 million for the Green Innovation Grant Program

Sustainability Planning and Implementation: Up to \$15 million

- o Department of Environmental Conservation
- o Up to \$11 million for the Climate Smart Communities Program
- o Department of State
- o Up to \$4 million for Local Government Efficiency Grants

Education/Workforce Development: Up to \$5 million

- o Department of Labor
- o Up to \$5 million for Workforce Development

Low Cost Financing: Up to \$300 million

- o Empire State Development
- o Up to \$300 million for Industrial Development Bond (IDB) Cap

Each Regional Council uses statewide endorsement standards when reviewing CFAs submitted to their region, taking into account the degree to which the application helps implement the regional strategic plan and aligns with regional priorities. By scoring and endorsing projects, Regional Councils highlight and support the projects with the potential to generate the greatest economic benefits to their region.

In addition, each year, Empire State Development introduces statewide priorities that become a part of the regional planning and CFA processes. So far, the Regional

Councils have introduced the following priorities:

Regional Economic Cluster Plans

Clusters are “geographic concentrations of interconnected companies and institutions in a particular field.” Economic clusters drive regional growth by creating advantages for companies (shared supplier and distribution networks, skilled workforce, etc.) while also promoting competition among them. In 2015, Regional Councils developed economic cluster action plans to support established or emerging industry clusters, including:

Capital Region: Research, Development, and Commercialization

Central NY: Data to Decisions

Finger Lakes: Optics, Photonics, and Imaging

Long Island: Biotechnology

Mid-Hudson: Food and Beverage Manufacturing Supply Chain

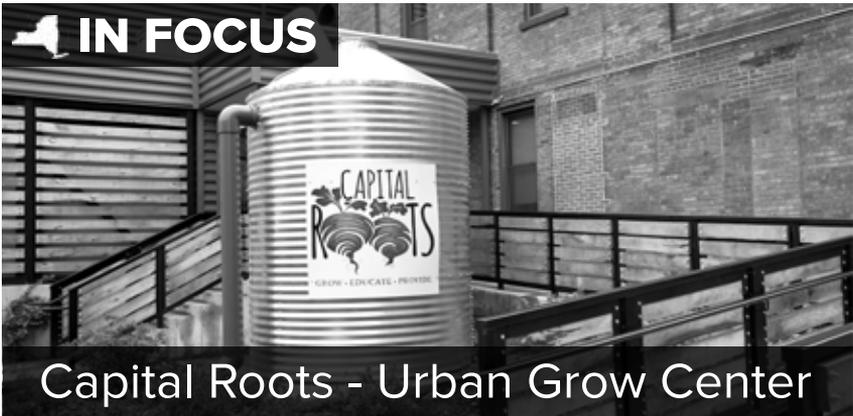
Mohawk Valley: Cybersecurity

New York City: Smart Cities

North Country: Transportation Equipment and Additive Manufacturing Materials

Southern Tier: Transportation Products, Components and System Controls

Western NY: Materials Processing and Machinery Manufacturing



While access to fresh, affordable, healthy food is typically assumed throughout Western society, the reality is quite the opposite. Cities across our nation have pockets where a robust selection of groceries are out of reach for many. Cue Capital Roots, which is today working to reduce the impact of poor nutrition on public health in New York's Capital Region. The nonprofit is organizing community gardens, providing healthy food access, offering nutritional and horticultural education, and coordinating urban greening programs in Albany, Rensselaer, Schenectady and southern Saratoga counties.

New York State is actively supporting Capital Roots in its mission. At the center of Capital Roots is its Urban Grow Center,

Regional Marketing and Export Plans

Governor Cuomo launched Global NY in 2014 to enhance the international competitiveness of New York businesses and to attract international investment to New York State. Regional Councils responded with global marketing and export strategies designed to better position their regions for global competition.

which was created by renovating a vacant building in Troy with assistance from the state. The Urban Grow Center is a hub that supplies the region's cities with locally-grown farm products, extending the availability and distribution of locally grown foods and serving a neighborhood that currently lacks access to fresh produce. The Urban Grow Center also facilitates connections between farms and institutions to expand access to locally grown food and establish reliable markets for farms in the Capital Region.

A lack of transportation to the food source is a central impediment for many people restricted from healthy food. To build stronger transportation to food sources in the Capital Region, Capital Roots launched its Veggie Mobile Sprout and Healthy Convenience Store Initiative in Troy. Supported by a Creating Healthy Places Grant from the Department of Health, the Initiative helped to create and support the grassroots coalition Transport Troy, which designed Troy's Complete Streets Ordinance. Because of the ordinance's passage, Transport Troy was able to reactivate \$1.4 million in State DOT funds for development of the Riverfront Bike Trail, which is scheduled for completion in summer 2017. The City of Troy and Capital Roots has also received grants from DOH and Parks to continue work to expand connectivity in Troy.

The Regional Opportunity Agenda

Each Regional Council developed an Opportunity Agenda to ensure their most distressed and disadvantaged communities were being included in the region's economic revitalization. Regional Councils continue to implement strategies that will achieve the goals of their Opportunity Agendas, and identify projects for funding through the CFA that will address the needs of the chronically distressed communities in the region.

Regional Hot Spots and Business Incubators

Through the Innovation Hot Spots and New York State Business Incubator Program, as well as START-UP NY, the state has sought to link higher education to industry and has invested in efforts to commercialize research and technology from its colleges and universities to bring new products to market. Through Round VI of the CFA applications will be accepted to designate up to five Innovation Hot Spots and up to ten New York State Business Incubators to continue this program. Regional Councils are asked to endorse the best Hot Spot and

Business Incubator proposal in their region.

SUNY, CUNY, and Community College Plans

The NYSUNY 2020 and CUNY 2020 programs are making State universities incubators of academic excellence and economic growth, leveraging State capital funding to incentivize bottom-up, individualized, long-term economic development plans on campuses and surrounding communities. START-UP NY is building on this initiative through the creation of tax-free communities affiliated with public and private universities. Regional Councils work to assist SUNY and CUNY campuses with developing 2020 plans that that will spur local economic development and contribute to regional revitalization.

Veterans' Participation in the Workforce

New York State is home to more than 900,000 veterans, 72 percent of whom served in combat. Approximately 88,000 New Yorkers served in Afghanistan or Iraq. It is also home to approximately 30,000 active duty military personnel as well as 30,000 National Guard and Reserve

personnel. Veterans Work Groups work to promote participation by Veterans in the CFA, and develop strategies to encourage other potential CFA applicants to include workforce goals related to Veteran’s employment.

 **IN FOCUS**



Onondaga Lake - Save the Rain

Considered a sacred landmark within the indigenous territory of the Onondaga Nation, Onondaga Lake has long been a destination known for its soaring beauty. However following the industrialization of the region, much of the lake’s shoreline was developed, bringing in domestic and industrial waste that ultimately led to severe degradation of the lake. Today, New York State is providing crucial support to cleaning up the lake.

Scientists have discovered that the main contributor to pollution is from incoming stormwater. Onondaga County’s “Save the Rain” program is a comprehensive stormwater management plan intended to reduce pollution to Onondaga Lake and its tributaries. The program has reduced inputs of

Local Government Engagement in the Regional Council Process

Local governments are prime contributors of the critical regional infrastructure needed by business and industry; the services that contribute to the region's quality of life; the regulations that ensure business and industry can be conducted; and often the financial arrangements through which tax incentives are offered.

stormwater and sewer overflow pollution to Onondaga Lake and its tributaries by 123 million gallons each year since 2009. In less than a decade, the lake's health has improved dramatically. The most significant indication is in the diversification of the fish community of Onondaga Lake. Today at least 56 species have been documented in the lake, a significant increase from the 9 to 12 species during the 1970s. The lake also hosts several professional fishing events each year, and recreational fishing and tourism in the area is growing.

In conjunction with its successful efforts at Onondaga Lake, the county has advanced more than 180 concurrent green infrastructure projects, including the installation of permeable pavement, green spaces, green roofs and rain barrels, and reducing stormwater runoff in the combined sewer areas of Syracuse by over 120 million gallons per year. The bulk of these projects have been awarded funding from New York State through programs such as the Water Quality Improvement Project Program and Green Innovation Grant Program.

Other Resources: By Topic

Economic Development

Upstate Revitalization Initiative

In 2015 three upstate regions, the Finger Lakes, Central New York, and the Southern Tier were awarded \$500 million each to undertake economic development and community re-vitalization projects in accordance with their Upstate Revitalization Plans. Each plan calls for projects to be funded over five years, and will focus on job creation and private sector investment with a target of five dollars of private sector spending for every dollar of state funding during the five year implementation phase. Applications for URI funding can be submitted using the Consolidated Funding Application:

www.ny.gov/CFA

Local Government Citizens Re-Organization Empowerment Grant (CREG) Program

The CREG program assists local governments with: 1) the dissolution or consolidation of a local government entity; or 2) the establishment of a new coterminous town/village, that operates principally as either a town or a village (but not as both) in the place of a former town and a former village. CREG has a rolling application process with multiple monthly due dates, here:

www.ny.gov/CREG

Community Services Block Grant (CSBG)

CSBG is a federal anti-poverty program administered by the Department of State since 1982. Its purpose is to provide assistance to states and local communities working through a network of community action agencies (CAAs) and other neighborhood organizations for reduction of poverty, revitalization of low-income communities and empowerment of low-income families and individuals to become fully self-sufficient. Info:

www.ny.gov/CSBGEconomy

Community Development Block Grant (CDBG) – Economic Development

The CDBG Economic Development program provides grant funds to eligible communities for economic development projects that result in the creation or retention of permanent jobs, principally for persons from low- and moderate-income families. Eligible communities can apply for funds to support a wide range of activities including: Economic Development, Small Business, and Microenterprise assistance.

CDBG Economic Development and Small Business assistance is offered through a two-step application process and is accessed on a continual basis (open round) through the Consolidated Funding Application (CFA) portal:

www.ny.gov/CFA

Microenterprise assistance is offered on an annual basis through the CFA at the link above. More information is available here:

www.ny.gov/CDBG

Appalachian Regional Commission (ARC) Area Development Grant Program

This program funds economic and community development projects for local governments and non-profits in New York's Appalachian Region. Applicants are eligible for up to \$150,000 per project. Project activities must be primarily within the 14-county ARC region: Southern Tier West—Allegany, Cattaraugus, Chautauqua; Southern Tier Central—Chemung, Schuyler, Steuben; and Southern Tier East—Broome, Chenango, Cortland, Delaware, Otsego, Schoharie, Tioga, Tompkins. Info:

www.ny.gov/ARCADGP

Northern Border Regional Commission (NBRC) Grant Program

NBRC provides up to \$250,000 in federal grant funds for economic and community development projects for local governments and non-profits in the states of New York, Vermont, New Hampshire and Maine. New York State accepts projects from the following counties: Cayuga, Clinton, Essex, Franklin, Fulton, Hamilton,

Herkimer, Jefferson, Lewis, Madison, Oneida, Oswego, St. Lawrence, and Seneca. Info:

www.ny.gov/NBRCGP

Historic Preservation Rehabilitation Tax Credits

Two tax credit programs are available to support rehabilitation and adaptive reuse of historic properties. The first program provides federal and state credits for the rehabilitation of income producing properties listed on the National Register of Historic Places. Owners may be eligible for a 20 percent federal historic preservation income tax credit for a qualified rehabilitation project and an additional 20 percent state income tax credit if the property is located in an eligible census tract.

The second is a state tax credit for rehabilitation of historic homes. Private houses listed on the State and National Registers of Historic Places that are located in an eligible census tract may qualify for a state historic rehabilitation tax credit equal to 20 percent of the repair costs. For all tax credit programs, all rehabilitation work must be approved by the Division for Historic

Preservation, before any work begins. Info:

www.ny.gov/HPRTC

Capital Access Program (CAP)

Funded by U.S. Treasury through the State Small Business Credit Initiative (SSBCI), CAP is one of three State programs that leverage private lending to help finance small businesses that are creditworthy, but unable to secure loans to expand and create jobs. CAP provides funds to loan loss reserve pools at financial intuitions as an incentive to increase small business lending. CAP can be used with term loans or lines of credit, on financing for working capital needs, technology or facility upgrades, business startups or business expansions. Small businesses can utilize CAP by contacting a participating lender. For more information about CAP, and to find a participating lender near you, please visit:

www.ny.gov/CAP

Surety Bond Assistance Program

Small and minority and women-owned businesses

have identified difficulty in accessing surety bonds as a major impediment to accessing both city and state contracts. Surety bonds provide contractors with a guarantee that contract work will be completed in the event they default. The State’s Surety Bond Assistance Program provides technical and financial assistance to help small and minority and women-owned businesses secure surety bonding. Empire State Development offers guarantees of up to 30 percent on a bond line, individual contract bid bonds, and payment/performance bonds, using SSBCI funds. To apply, visit:

www.ny.gov/SBAP

Community Development Financial Institutional (CDFI) Assistance Program

Many small businesses, particularly those in low-to-moderate-income communities, struggle to access financing from traditional banking and lending institutions. The CDFI Assistance Program was established to build the capacity of CDFIs – mission-driven organizations that provide lending and financial

services to underserved populations. Info:

www.ny.gov/CDFIAP

Bridge to Success

Accessing low-cost, working capital is a challenge for minority-and-women-owned business enterprises (MWBE) seeking contracting opportunities in New York. The Bridge to Success program helps qualified, state-certified MWBEs access the multi-billion-dollar public contracting market by providing them with short-term working capital. Info:

www.ny.gov/BridgeToSuccess

Linked Deposit Program

Small businesses often lack the capital required to expand and improve operations. The Linked Deposit Program helps eligible New York businesses invest in projects to expand their business or improve performance and competitiveness. The program enables businesses to obtain a loan from commercial banks, savings banks, savings and loan associations, farm credit institutions or

the New York Business Development Corporation at an interest rate reduction of up to two to three percentage points. Info:

www.ny.gov/LinkedDeposit



It seems like every Upstate city has one—that iconic former department store in the middle of downtown that brings back so many fond memories of a bygone era of downtown vitality. What some see as an eyesore or a reminder of decline, others see as a legacy that can be built upon for future economic opportunity. Rochester took the latter approach with its Sibley Building—the region’s largest structure. When complete, the \$200 million redevelopment will include a mixed-use of affordable senior housing, market-rate apartments, retail, office and high-tech incubator space.

The Sibley Building is an anchor for downtown revitalization, and has the potential to bring greater private investment and jobs

Metropolitan Economic Revitalization Fund (MERF)

Maintaining employment opportunities can be challenging for businesses located in distressed areas. MERF was established to fund public-private partnerships in economic development projects that create or retain substantial jobs in economically distressed in New York City and parts of Nassau, Westchester, and Rockland Counties. Info:

www.ny.gov/MERF

Job Development Authority (JDA)

Building capacity is a challenge for many small businesses because they lack the capital required to

to the area. To nurture its growth, the state has awarded more than \$27 million for projects at the historic Sibley Building. New York State supported the Finger Lakes Business Accelerator Cooperative, to be located on the top floor of the building, with a \$10 million grant. The next phase of Sibley's redevelopment is supported by the state through a \$3.5 million grant from Empire State Development; \$3 million from New York State Energy Research and Development Authority through its Cleaner, Greener Communities program for energy efficiency upgrades; and \$10 million from New York State Homes & Community Renewal for affordable housing tax credits.

execute key projects. The Job Development Authority (JDA) was established as an economic development tool that provides fixed-rate asset financing to help small businesses build capacity and improve employment opportunities in the state. JDA operates as a public benefit corporation of the State of New York. Info:

www.ny.gov/JDA

Brownfield Opportunity Area (BOA)

The Department of State's Brownfield Opportunity Area (BOA) program helps New York communities turn dormant and blighted parcels into productive, catalytic properties. In partnership with local communities and organizations, the BOA program helps redevelop sites to generate businesses, create jobs and housing, and introduce new public amenities. BOAs complete a planning and nomination process before receiving a designation by the Secretary of State; designation allows developers to access a tax credit of up to 5 percent of redevelopment costs. Info:

www.ny.gov/BOA

Housing

Community Development Block Grant (CDBG) - Housing

The New York State Community Development Block Grant Program is a federally funded program administered by the Housing Trust Fund Corporation's (HTFC) Office of Community Renewal. The program provides resources to eligible communities to enable the development of decent, affordable housing, create suitable living environments, and enhance economic opportunities across the state. CDBG funds are available for housing activities including housing rehabilitation, homeownership, manufactured housing replacement, well and septic replacement, and lateral connection assistance that primarily benefit low- and moderate-income persons.

CDBG funds are available on an annual basis through a Notice of Funding Availability. For further information, please visit:

www.ny.gov/CDBGHousing

All Affordable Housing Program

Homes and Community Renewal offers financing to private and not-for-profit developers for the creation and preservation of affordable rental housing. Applications are accepted on a rolling basis. Info:

www.ny.gov/AllAffordable

80/20 New Construction Housing Program

Homes and Community Renewal offers financing for the creation of affordable multifamily rental housing in high-cost markets with a minimum of 20% of the units for low-income families. The remaining units can be rented at market rates. Applications are accepted on a rolling basis. Info:

www.ny.gov/8020Housing

New York State Housing Finance Agency Bonds

Homes and Community Renewal offers financing to create and preserve affordable multifamily rental housing using agency-issued bonds, which can be tax-exempt, taxable, or 501(c)(3) bonds.

Info:

www.ny.gov/LowIncome

4 Percent Low Income Housing Tax Credit

For projects financed by tax-exempt bonds allocated from the State’s private activity bond volume cap, 4% “as-of-right”, or non-competitive, tax credits are available to developers. These tax credits are not subject to the State’s annual 9% tax credit allocation ceiling. Applications for “as of right” tax credits can be made throughout the year.

Info:

www.ny.gov/LowIncome

9 Percent Low Income Housing Tax Credit (LIHC)

Homes and Community Renewal offers allocations of tax credits for the construction or rehabilitation of rental housing reserved for low-income households with incomes up to 60 percent of the area’s median income. The LIHC program provides a dollar-for-dollar reduction in federal income tax liability for project owners.

Applicants eligible to receive LIHC allocations include individuals, corporations, limited liability corporations, and limited partnerships. Applications for this program are accepted on an annual basis through a competitive Request for Proposals process. Info:

www.ny.gov/LIHC

NYS Low-Income Housing Tax Credit Program (SLIHC)

Homes and Community Renewal offers a program modeled after the federal LIHC program with program parameters that allow mixed-income development including moderate-income households. SLIHC-assisted units must serve households whose incomes are at or below 90 percent of the area's median income. The SLIHC Program provides a dollar-for-dollar reduction in state taxes to investors in qualified low-income housing. Applications for SLIHC allocations are accepted either throughout the year in an open window format or in response to an annual Request for Proposals. Info:

www.ny.gov/SLIHC

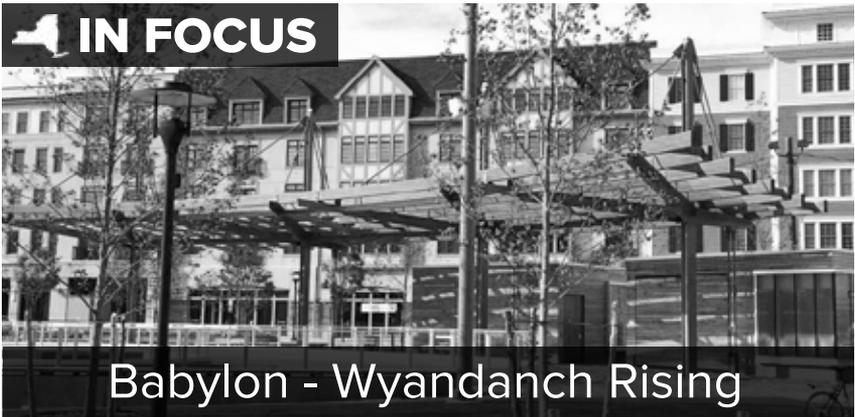
Low Income Housing Trust Fund

Homes and Community Renewal offers financing for new construction or rehabilitation of property for low-income tenants, tenant-cooperators, or condominium owners. Eligible applicants include not-for-profit corporations or charitable organizations or their wholly-owned subsidiaries; housing development fund companies; municipalities; counties (counties with their own department of assessment may be direct recipients; other counties are eligible as local program administrators); housing authorities (for properties owned after July 1, 1986); private developers who make equity investments in a project and who limit their profits or rate of return to investors; or partnerships in which the non-profit partner has at least a 50 percent controlling interest. Applications for this program are accepted on an annual basis through a Request for Proposals process. Info:

www.ny.gov/HousingTrustFund

Homes for Working Families

Homes and Community Renewal offers financing through low-interest loans to create and preserve affordable housing for families and seniors for projects that utilize tax-exempt bond financing. Applications for this program are accepted on an annual basis through a



While surrounding communities in Suffolk County have prospered, the economically distressed Hamlet of Wyandanch in the Town of Babylon has spent years ensnared by poverty, crime and blight. For years, Wyandanch had the inauspicious title of the most economically distressed community on Long Island. But that title will soon retire.

New York State, in partnership with community leaders, is revitalizing the Wyandanch area by charting a plan for a vibrant urban-form, high-density downtown where literally none had existed before. Already, mixed-use buildings featuring apartments and retail space are popping up in what is known as Wyandanch Village, the 40-acre target neighborhood. The plans prioritize

Request for Proposals process. Info:

www.ny.gov/WorkingFamilies

Middle Income Housing Program

Homes and Community Renewal offers financing through low-interest loans to create and preserve affordable housing for families and seniors for projects that utilize tax-exempt bond financing. Applications for this program are accepted on an annual basis through a Request for Proposals process. Program information is available at:

www.ny.gov/MiddleIncome

environmental responsibility and include a public park and public transportation access, as well as restaurants, office space, grocery store, and a parking garage.

This transit-oriented development project is coming to life with funding from six different state agencies and various state incentives, including programs like the Downtown Revitalization Fund, Environmental Protection Fund, Urban Forestry Grant, Multi-Modal Program, Green Innovation Grant Program, Community Investment Fund, and significant sewer funding from the State Clean Water Revolving Fund.

Rural and Urban Community Investment Fund

Homes and Community Renewal offers a variety of financing options that support retail, commercial, or community facilities in mixed-use affordable housing developments, and preserves existing affordable housing in rural areas. This financing is provided through an open window Request for Proposals. Resources available through this RFP are largely intended to be paired with tax-exempt bond financing. Info:

www.ny.gov/RuralUrban

New York State HOME Program

Homes and Community Renewal offers financing administered by the New York State Housing Trust Fund Corporation (HTFC) to acquire, rehabilitate, or construct housing, or to provide assistance to low-income home-buyers and renters. The HOME Program funds a variety of activities through partnerships with counties, towns, cities, villages, private developers and community-based non-profit housing organizations. Info:

www.ny.gov/NYSHome

HFA Second Mortgages

Homes and Community Renewal offers subordinate, low-interest subsidy loans to developers who obtain new construction and preservation mortgages from HFA and require a subsidy to maximize the number of affordable units and to reach lower income or special needs populations. Info:

www.ny.gov/AllAffordable

Farmworker Housing Program

The Farmworker Housing Program is a low-cost loan program that assists agricultural producers to make improvement to existing housing or construct new housing for farmworkers (both seasonal and year-round). Info:

www.ny.gov/FarmWorker

Mortgage Insurance Fund

Homes and Community Renewal provides project insurance on mortgages that finance multifamily developments, as well as pool and individual primary

insurance for single-family residential mortgages purchased by the State of New York Mortgage Agency (SONYMA). Project mortgage insurance is available for multifamily rental and underlying cooperative mortgage loans. Eligible underwriting lender applicants include banks, public pension funds and retirement systems, government agencies, and industrial development agencies. Info:

www.ny.gov/MIF

SONYMA Mortgage Program

SONYMA has various mortgage programs for low and moderate income first-time homebuyers including special programs for military veterans, active military, and National Guard; homes built to New York State Energy-Star standards; and homes in need of repair. All SONYMA programs feature financing up to 97 percent with a minimum cash contribution as low as 1 percent; down payment assistance up to \$15,000; funds for home improvements; and competitive, fixed-rate loans. Applicants must contact participating lenders to apply

for SONYMA mortgages. Info:

www.ny.gov/SONYMA

Affordable Housing Corporation Home Ownership Development Program

This program provides grants to governmental, not-for-profit, and charitable groups to build, acquire, rehabilitate, or improve homes for low and moderate income families. Applications for this program are accepted on an annual basis through a Request for Proposals process. Info:

www.ny.gov/AHCG

Access to Home Program

This program offers financial assistance to property owners to make dwelling units accessible for low and moderate income persons with disabilities. Applications for this program are accepted on an annual basis through a Request for Proposals process. Info:

www.ny.gov/AccessToHome

Residential Emergency Services to Offer Repairs to the Elderly

This program provides financial assistance to elderly homeowners to make repairs to eliminate hazardous conditions in their homes. Applications for this program are accepted on an annual basis through a Request for Proposals process. Info:

www.ny.gov/RestoreRepair

Weatherization Assistance Program (WAP)

This program helps to improve the energy efficiency of homes, reducing heating and cooling costs and improving the safety. Households with incomes at or below 60 percent of the state median income are eligible for assistance. For more information, contact a WAP provider in your area:

www.ny.gov/weatherization

Environment & Resilience

NYS Water Grants

NYS Water Grants are provided on a competitive basis to drinking water and wastewater infrastructure projects that improve water quality or protect public health. Applicants may include a municipality or a public benefit corporation, public authority, or state agency empowered to build and operate a water supply facility or sewage treatment works. NYS Water Grants are awarded to projects for replacement or repair of infrastructure or compliance with environmental and public health laws and regulations related to water quality. Info:

www.ny.gov/WaterGrants

State Water Revolving Funds

The Clean Water State Revolving Fund (CWSRF) provides low-cost financing to municipalities to construct, upgrade, or replace water quality protection projects such as sewers and wastewater treatment facilities. The CWSRF is administered jointly by the Environmental Facilities

Corporation and the Department of Environmental Conservation. Info:

www.ny.gov/CWSRF

The Drinking Water State Revolving Fund (DWSRF) provides low-cost financing to construct, upgrade, or replace drinking water infrastructure projects such as water treatment plants, distribution mains, and storage facilities. The DWSF is administered jointly by the Environmental Facilities Corporation and the Department of Health. Info:

www.ny.gov/DWSRF

Water Quality Planning and Implementation Grants

The Water Quality Planning and Implementation Grants assist watershed communities in preparing or updating comprehensive plans, establishing or revising community development tools and local laws, and creating strategic plans for hamlets, villages, and other potentially developable areas within the Watershed. This

program is open to East and West-of-Hudson watershed municipalities. Info:

www.ny.gov/Watershed

Brownfield Cleanup Program (BCP)

Brownfields have soil or groundwater contamination which exceed state standards to protect public health and the environment. The goal of the BCP is to encourage private-sector cleanups of brownfields and promote their redevelopment as a means to revitalize economically blighted communities. Restoring brownfields protects public health, increases job opportunities, preserves open space, and revitalizes neighborhoods. The program offers tax credits of 22 to 50 percent of the cost of cleanup and in many cases provides additional credits for the redevelopment of a site, including bonus credits when reused for manufacturing or affordable housing. Info:

www.ny.gov/BCP

Coastal Erosion Management Projects

The Department of Environmental Conservation

(DEC) provides assistance to local municipalities in addressing coastal erosion issues along the state's coast lines by partnering with the Army Corps of Engineers and the local municipality to develop eligible projects that qualify for the Corps programs to address these erosional issues. Info:

www.ny.gov/CoastalErosion

Conservation Partnership Program

The Conservation Partnership Program is a public-private partnership between DEC and the Land Trust Alliance that invests in New York land trusts. Grants help local land trusts sustain and expand outreach initiatives and develop an array of conservation, stewardship, and education programs. The grants strengthen partnerships with local and state governments by supporting prime farmland protection, enhancing public access and recreation opportunities, and conserving private lands prioritized in the New York State Open Space Conservation Plan and state wildlife action plan. Info:

www.ny.gov/CPP

Environmental Justice Community Impact Grants

Environmental justice areas are low-income and minority communities burdened by environmental problems. Community Impact Grants are available for community-based organizations to implement projects that address environmental and public health concerns in these neighborhoods. Problems include: a large number of facilities with environmental impacts, such as emissions or discharges which contribute to noise, air, and water pollution; contaminated sites; and lack of green space and waterfront access. Info:

www.ny.gov/EnviroJustice

Flood Control Projects

DEC's Bureau of Flood Protection and Dam Safety provides assistance to local municipalities in addressing riverine flooding issues through partnering with the Army Corps of Engineers and the local municipality to develop eligible projects through the Corps programs to address these flooding issues.

Info:

www.ny.gov/FloodControl

Flood Plain Management

DEC provides assistance to local municipalities in addressing the management of flood plains. The Department works with municipalities to help them meet

IN FOCUS



Walkway over the Hudson

Walkway Over the Hudson is a historic former rail bridge, destroyed in a fire more than four decades ago, that has recently been transformed into a linear park traversing the Hudson River.

Today the bridge is part of Walkway State Park, which has established itself as a tourism and economic development magnet in the Hudson Valley region. Walkway State Park attracts 48 percent of its visitors from outside Dutchess and Ulster counties and those tourists generate nearly \$24 million while visiting the pedestrian bridge. As a result, new housing and storefront developments have come up on both sides of the Walkway. In particular, Poughkeepsie is making use of increases in visitors to create a more viable water district in the area and

the requirements of the Federal Emergency Management Administration (FEMA) for participation in the National Flood Insurance Program. The Department also assists municipalities in assessing damages for assistance from FEMA after a flood. Info:

www.ny.gov/FloodPlain

DEC also has a draft guidance document for state agencies and communities that provides guidance on how to design for future flooding conditions due to sea

attract new residents.

To support continued investment around the Park, New York State has provided attractive incentives to some of the state's most promising companies. Two examples are the completion of the Cloud Computing and Analytics Center at Marist College and the impending development of its Center for Innovation and Entrepreneurship; both are supported by Mid-Hudson Regional Economic Development Council (MHREDC) grant awards. Hudson River Housing (HRH), a local community development and affordable housing nonprofit, has received funding from the NYS Main Street Program to support the various projects created by this important community initiative. The largest project to result from this effort is the adaptive reuse of the former Poughkeepsie Underwear Factory into a mixed-use project containing workspace for budding social enterprises alongside artist studios and rental housing, which received support through ESD's Regional Council Capital Fund and the Environmental Protection Fund.

level rise and climate change. Info:

www.ny.gov/FloodGuidance

Forest Stewardship Program

A service forester will visit private forest lands upon request. They will accompany landowners on a tour of their woodland and outline existing forest management opportunities. The forester will develop a forest stewardship management plan with recommendations based on good forestry practices that reflect your goals and objectives of ownership. This service is free to all private non-industrial forest landowners. Info:

www.ny.gov/ForestStewardship

Green Purchasing Resources

The State’s Office of General Services and Department of Environmental Conservation have issued 44 green specifications to help agencies, municipalities, and schools purchase sustainable products and services, including “Sustainable Landscaping” and pest management on “Turf and Ornamentals.” These specifications encourage

the preservation of riparian zones, open space and natural habitats, as well as the avoidance of pesticide use. The Office of General Services has also created a list of more than 20 centralized state contracts and preferred source offerings that meet the specifications and are available online. Info:

www.ny.gov/GreenPurchasing

Household Hazardous Waste State Assistance Grant Program

DEC provides grants to local government for household hazardous waste (HHW) collection days and construction of permanent HHW collection facilities to provide a safe alternative for recycling or disposal of household hazardous materials. The grants provide 50 percent reimbursement for costs of conducting HHW collection. Info:

www.ny.gov/HHW

Hudson River Estuary Program

The Hudson River Estuary Program helps people enjoy, protect, and revitalize the Hudson River and its valley. The mission of the Estuary Program is built around six benefits: clean water; resilient communities; vital estuary ecosystem; estuary fish, wildlife, and

IN FOCUS



Buffalo-Niagara Medical Campus

Buffalo—once the symbol of Rust Belt decline and urban flight—is back. A central industry on the rise in Buffalo is the medical field, and at the center of it all is the Buffalo-Niagara Medical Campus. What started as a medical-based consortium in downtown Buffalo with a few anchor institutions has blossomed into a paragon of downtown urban redevelopment based on so-called “Eds & Meds”—the engagement of university and health care facilities, with myriad spin-off effects on Buffalo’s remarkable downtown renaissance.

In its early years, the Medical Campus’ focus was on expanding the institutions and their research capacity; now, with help from New York State through programs like the Buffalo Billion, member organizations concentrate on a greater collective goal—to grow commercialization and entrepreneurship, which

catalyzes economic growth for the entire region.

Under this strategy, the Medical Campus has experienced remarkable growth: Employees rose from 7,000 in 2002 to a projected 17,000 in 2017; and in 2002, there were three companies on the campus and today there are 125 public and private companies located there. Perhaps most impressive, new total investment on the Medical Campus in 2017 is projected to be \$1.4 billion, compared to just \$200 million in 2005.

New York State is proud to have played an important role in fostering the expansion of the Buffalo-Niagara Medical Campus. State-funded projects include the John R. Oishei Children's Hospital (Buffalo Billion and other state resources, opening 2017), Immco Diagnostics (ESD Excelsior tax credits), UB's School of Medicine and Biomedical Sciences (NYSUNY2020, opening 2017), NYS Medical Innovation and Commercialization Hub/Athenex (Buffalo Billion), Buffalo Institute for Genomics (Buffalo Billion), Roswell Park Cancer Institute's Center for Personalized Medicine (\$5.1 million ESD Capital Grant) Jacobs Institute (\$4 million Capital Grant), Hauptman-Woodward Medical Research Institute (\$500,000 Capital Grant), Albany Molecular Research Inc. (Buffalo Billion), and the Innovation Center Annex, including Buffalo Manufacturing Works (Buffalo Billion, SUNY Research Foundation).

What's more, Governor Cuomo's NY Prize program is supporting a feasibility study of a new community micro-grid; NYSERDA's Cleaner, Greener Communities program is funding the BNMC's Green Commons project; HCR is funding several housing projects in the neighborhood to maintain linkages between the jobs and service on the campus and the housing needs of the community; and NYS DOT administered sidewalk and streetscape improvements on Ellicott Street, and will soon handle streetscape modifications along Allen Street. Finally, the WNYRDC engaged with some of the 24 health & life sciences companies participating in START-UP NY, many of which are housed in the BNMC.

habitats; natural scenery; and education, river access, recreation, and inspiration. The program is guided by an action agenda, a conservation and restoration blueprint developed with significant community input. The Hudson River Estuary Program collaborates with many partners and includes research, education, and training; natural resource conservation and protection; restoration projects; and community planning assistance. The program offers a range of grant funding for planning, access, and education projects. Info:

www.ny.gov/HREP

South Shore Estuary Reserve

Periodic funding opportunities are announced to promote the goals of Long Island's South Shore Estuary Reserve (SSER) program. The SSER features vast stretches of sandy beaches, marinas, parks and nature preserves. Home to 1.5 million people, the SSER is an anchor for Long Island's tourism, seafood, and recreation industries. The Department of State works with local communities and a broad-based, 23-member

SSER Council to implement the SSER Comprehensive Management Plan, including improving and maintaining water quality, protecting and restoring the living resources of the Reserve; expanding public use and enjoyment of the Reserve; sustaining and expanding the Estuary-related economy; and increasing education, outreach and stewardship. Info:

www.ny.gov/SSER

Mohawk River Basin Program and Watershed Grants

The Mohawk River is the largest tributary to the Hudson River. The Mohawk River Basin Program seeks to conserve, preserve, and restore the environmental quality of the Mohawk River and its watershed. The program specifically identified actions to address five goals: 1) Fish, Wildlife, Habitats; 2) Water Quality; 3) Flood Hazard Risk Reduction; 4) Community Planning and Revitalization; 5) Working Landscapes, Land Use and Open Space. Info:

www.ny.gov/MRBP

The program also offers grants to municipalities and not-for-profits for projects that promote environmental protection and habitat restoration; flood risk reduction and resiliency; and projects that protect and improve water quality within the Mohawk River watershed. Info:

www.ny.gov/MRWatershed

Municipal Sewage System Asset Management Pilot

The Department of Environmental Conservation is developing a municipal sewage system asset management program to help municipalities better manage their sewage systems to protect public health and the long-term economic viability of communities. Before the program is implemented statewide, up to 20 communities will be selected to participate in a pilot, anticipated to begin in late 2016. Each participating community will receive engineering services to create a customized asset management plan and guide them through 2-3 years of implementation. Info:

www.ny.gov/MSSAMP

Municipal Waste Reduction and Recycling Grants

DEC provides grants to municipalities for waste reduction and prevention projects; recycling capital projects; and grants for recycling coordination and education projects. These grants will support 50 percent reimbursement for costs of recycling facilities, equipment, coordination and promotion. Info:

www.ny.gov/MWR

New York Environmental Leaders

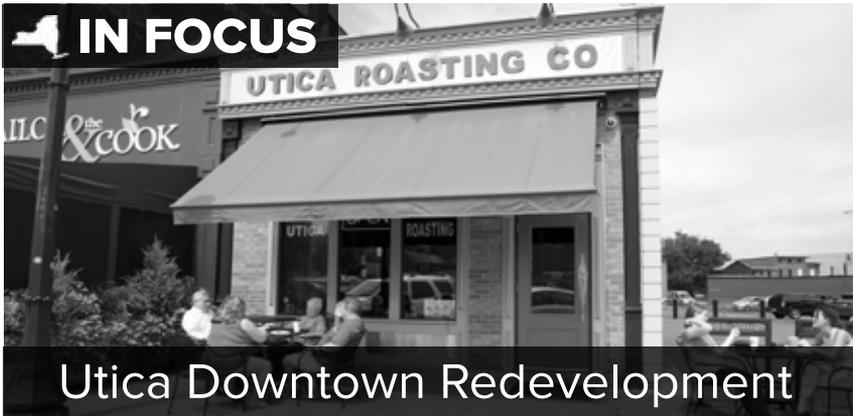
The New York Environmental Leaders program provides recognition and incentives to businesses and organizations that are committed to sustainable practices and conserving New York's environment and natural resources. Leaders get access to technical assistance on projects from DEC and the New York State Pollution Prevention Institute, as well as access to a network of like-minded entities to share best practices. The updated program is out for public comment and an enrollment period will be held later in 2016.

Info:

www.ny.gov/EnviroLeaders

NYSP2I (NYS Pollution Prevention Institute)

NYSP2I provides technical assistance to businesses, local governments, and organizations looking to streamline their processes, conserve their resources,



At its peak in the early to mid-20th century, Utica was a bustling Upstate city that served as a manufacturing center and a worldwide hub for the textile industry. However, following a series of mid-century developments—including deindustrialization and the construction of the New York State Thruway which bypassed the city—major employers left the city and the urban population fell. Today the city is on its way to becoming an urban destination for millennials and high-tech businesses alike.

New York State, in close collaboration with the City of Utica and the Mohawk Valley Regional Economic Development Council, is redeveloping the city’s downtown Canal Harbor—previously an industrial area—into a mixed-use “live-work-play” destination for

and reduce their environmental impact. NYSP2I can assist organizations with developing a strategic plan with measurable targets to manage utilization of water, energy and material resources. Info:

www.ny.gov/NYSP2i

Smart Growth Grants

Smart Growth Grants support projects focused on sustainable development, environmental protection, and livability. This includes long-term plans and strategic planning. The program also funds implementation of

locals and tourists. To complement the Harbor rebirth, the City of Utica is also transforming its historic Baggs Square District into a vibrant, walkable destination with ample retail and housing development opportunity.

The state is actively engaged in the entirety of Utica's resurgence. Empire State Development Regional Council Capital Funds are supporting a series of projects, including the restoration of a long vacant wing of the historic Union Station into a regional farmer's market and the Utica Memorial Auditorium, assisting the iconic Utica Coffee Roasting Company to expand both its footprint and manufacturing capacity, supporting the adaptive reuse of a vacant bank into mixed-use endeavor called Landmarc, and a neighboring mixed-use project to house new workers and families that will arrive with the Nano Utica build-out.

smart growth projects identified in prior plans. The DEC program focuses on the Adirondack and Catskills regions. Info:

www.ny.gov/SmartGrowth

Trees for Tribs

In partnership with local volunteers, the Trees for Tribs Program plants trees and shrubs along the tributary streams of New York to reduce water pollution, erosion and flood damage, and provide habitat for fish and other wildlife. Info:

www.ny.gov/Trees4Trib

Urban Forestry Cost Share Grants

Urban Forestry Cost Share Grants help communities with comprehensive planning, management, and education to create healthy urban and community forests, enhancing the quality of life of urban residents. Eligible projects include tree inventories and management plans, tree planting and maintenance, invasive pest detection surveys, and \$1,000 Quick Start Arbor Day Grants.

Info:

www.ny.gov/UFCSG

Energy

NY-SUN

The NY-Sun program offers incentives for solar PV installations on the roofs of homes and businesses, and for new shared solar installations that allow renters and apartment dwellers to go solar for the first time. NY-Sun also provides technical assistance and funds for communities to organize “Solarize” campaigns for group purchasing of solar technology. Residential and commercial customers can apply for the incentives with the help of a NYSERDA Participating Contractor. Info:

www.ny.gov/NYSUN

NY Prize

NY Prize is a first-in-the nation microgrid competition that provides grants to communities for the design and

implementation of microgrids. Stage One of competition awarded 83 communities with funds for project feasibility studies. Any community is eligible for Stage Two funds; the RFP closes on October 12, 2016. Info:

www.ny.gov/NYPrize

NY Green Bank

NY Green Bank partners with private capital providers and other clean energy industry participants on clean energy project development. NY Green Bank provides products like credit enhancements, loans, and warehousing services to help scale the market for clean energy in New York. NY Green Bank's accepts proposals on a rolling basis. Info:

www.ny.gov/NYGreenBank

Clean Energy Communities

Provides local governments with on-the-ground technical assistance, grants, and recognition to implement low-cost, high-impact actions to drive clean energy in their communities, such as adopting a local benchmarking

ordinance or converting streetlights to LEDs. Program due to launch in August 2016. Info:

www.ny.gov/CleanEnergy

Combined Heat & Power Program

Offers incentives for Combined Heat & Power installations at large commercial, industrial, or multifamily buildings. CHP systems can greatly increase local resiliency by acting as an on-site energy resource when power outages occur. CHP program funding opportunities are reviewed on a first come, first served basis. Info:

www.ny.gov/HeatPower

Residential Energy Efficiency

NYSERDA offers multiple energy efficiency incentives for existing and new residential buildings, including single family homes and multifamily apartment dwellings, and for low and moderate income energy customers. Homeowners and building owners can apply for incentive programs via NYSERDA's website or with

the help of a NYSERDA-approved contractor. Info:

www.ny.gov/HomeEnergy

Renewable Heat NY

NYSERDA offers incentives for the installation of high-efficiency, low emission wood heating technology for residential, municipal, and commercial buildings. These advanced technology heating systems enable consumers to use local wood pellets and cordwood as fuel in a cleaner way. Residential and small pellet boiler incentives can be accessed via NYSERDA, with the help of a Participating Contractor. Info:

www.ny.gov/RenewableHeat

K-Solar

Provides schools and school districts with no-cost, no obligation tools and resources to bring solar to their facilities. Interested schools and school districts can contact NYPA directly for a free solar assessment report before proceeding to more detailed solar procurement and installation options provided by NYPA-vetted solar

vendors. Info:

www.ny.gov/KSolar

Transportation

NYSDOT Smart Planning

The New York State Department of Transportation (NYSDOT) works to enrich the state’s communities by investing in transportation improvements that promote sustainable economic growth and contribute to overall quality of life. NYSDOT pursues these objectives through a statewide program that integrates land use and transportation planning.

Consistent with the New York State’s Smart Growth Public Infrastructure Policy Act (SGPIPA), any state or local transportation project that uses federal funding must undergo a smart growth “consistency review” to ensure that 11 Smart Growth factors have been considered in the project.

For more information about NYSDOT activities and programs relating to transportation and land-use in our communities, including planning tools, checklists, and potential sources of funding for municipalities, visit:

www.ny.gov/SmartPlanning

Complete Streets

Governor Andrew M. Cuomo signed the Complete Streets Act on August 15, 2011, requiring state, county, and local agencies to consider the convenience and mobility of all users when developing transportation projects that receive state and federal funding. The goal of Complete Streets is to contribute to a “cleaner, greener transportation system” that enables people to “achieve the health benefits associated with active forms of transportation while traffic congestion and auto related air pollution will be reduced.”

The law prompted an expansion of existing programs and further collaboration with bicyclists, pedestrians, people with disabilities and others to identify best practices and designs for transportation facilities. For

more information about Complete Streets, including best practices and potential sources of state and federal funding, please visit:

www.ny.gov/CompleteStreets

Highway Safety Improvement Program

Municipalities across New York State benefit from federal Highway Safety Improvement Program funding to support projects that enhance road mobility and safety. Projects are selected through a periodic competitive process that prioritizes initiatives that have the greatest potential impact to reduce traffic fatalities and severe injuries. The New York State Department of Transportation administers the Highway Safety Improvement Program. Info:

www.ny.gov/HwySafety

Pedestrian Safety Action Plan

The State's first-ever, comprehensive pedestrian safety plan will provide \$110 million for pedestrian safety improvements across upstate New York and Long Island

during the next five years. The plan takes a three-pronged approach to improving safety. Through 2020, the program will focus on engineering improvements, public education and awareness campaigns, and increased law enforcement.

The plan calls for communities outside of New York City with the highest number of crashes from



The Brooklyn Navy Yard, once the site of the nation’s most storied shipbuilding facilities, sat for decades as 300-acres of vacant industrial park. Today, following the largest expansion since World War II, the Brooklyn Navy Yard is home to more than 300 industrial businesses employing nearly 7,000 people. The Yard has become a national model for sustainable urban industrial parks with its use of green buildings and infrastructure, adding to its attraction of modern manufacturers who are tech-driven and socially responsible.

New York State is providing development support to innovative companies at the Brooklyn Navy Yard. The Green Manufacturing Center will house cutting-edge green infrastructure, including

2009 to 2013 to be given extra attention to improve pedestrian safety. A competitive grant solicitation for municipal safety projects will launch in 2017. For more information, including safety tips and examples of highway improvements that can enhance pedestrian safety, visit:

www.ny.gov/PedSafety

PAVE NY

PAVE NY is a new program authorized by the 2015-2020 State Transportation Plan. The program apportions

one of New York State's largest solar panel installations, through adaptive use of the concrete foundations and steel frames of the late 19th century buildings. The Center is in part supported by \$18 million in state funding to the Brooklyn Navy Yard Development Corporation.

Total state funding for the Center includes a \$1 million ESD Downstate Revitalization Fund grant, a \$5 million ESD REDC grant and a \$12 million New Market Tax Credit allocation. A second successful company supported by state resources is Macro Sea, Inc., a facility where entrepreneurs, designers, fabricators and researchers collaborate to create new products and new businesses; Steiner Studios Media Campus; and the renovation of Building 77 into a vibrant manufacturing/tech hub. Macro Sea, Inc. is a recipient of ESD grants through the CFA, as well as NYSERDA/NYS DOT Joint Transportation Research Program funds.

\$100 million annually in enhanced state assistance to counties, towns, cities, and villages for the rehabilitation and reconstruction of local highways and roads. Program funds may be used for any eligible program activity, provided the project has a minimum service life of more than ten years. Funds are apportioned on a quarterly basis. Info:

www.ny.gov/PaveNY

BRIDGE NY

BRIDGE NY is a new program authorized by the 2015-2020 State Transportation Plan. The program provides \$100 million annually in enhanced State assistance for local governments to rehabilitate and replace bridges and culverts, with particular emphasis on projects that address poor structural conditions; mitigate weight restrictions or detours; facilitate economic development or increase competitiveness; and/or reduce the risk of flooding.

Bridge projects must be on a public roadway and eligible for federal aid. They shall follow the federal aid

process. Culvert projects must be on a public highway and shall follow the State-aid process. Eligible applicants include any city, county, town, village or other political subdivision, including tribal governments and public benefit corporations, authorized to receive and administer State and federal transportation funding.

The New York State Department of Transportation is accepting applications for the first two years of this new program through September 9, 2016. Info:

www.ny.gov/BridgeNY

The Transportation Alternative Program

The federal Transportation Alternative Program provides up to \$26 million annually in assistance for on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, environmental mitigation, recreational trail program projects; safe routes to school projects; and projects for planning, designing, or constructing boulevards and other roadways largely in

the right-of-way of former interstate system routes or other divided highways.

Eligible applicants include any local government entity authorized to receive and administer state and federal transportation funding. Funds are allocated through a competitive solicitation. The next program solicitation will be conducted in summer 2016. Info:

www.ny.gov/TranspoAP

Congestion Mitigation and Air Quality Improvement Program

The federal Congestion Mitigation and Air Quality Improvement Program supports transportation-related projects that reduce vehicle emissions and/or traffic congestion. The Program provides funding to state and local governments in federally designated areas that do not meet, or previously did not attain, National Ambient Air Quality Standards.

Eligible projects include travel demand/rideshare, congestion reduction and traffic flow improvements, transit improvements, freight/intermodal improvements,

pedestrian and bicycle facility improvements, and alternative fuel and clean vehicle projects. Projects must demonstrate benefit to air quality. Funds are allocated through a competitive solicitation.

The New York State Department of Transportation will solicit projects in the following 19 counties in late summer of 2016: Albany, Chautauqua, Dutchess, Erie, Genesee, Greene, Jefferson, Livingston, Monroe, Montgomery, Niagara, Onondaga, Ontario, Orleans, Rensselaer, Saratoga, Schenectady, Schoharie, or Wayne.

Projects in the New York City Metropolitan Area are solicited through the New York Metropolitan Transportation Council here:

www.ny.gov/CMAQ

Projects in Orange County are managed by the Orange County Metropolitan Council here:

www.ny.gov/CMAQOrange

Core Federal Highway Administration Infrastructure Programs

The federal-aid highway program provides funding

to improve safety, mobility, and infrastructure while protecting and enhancing communities and natural environment. Eligible activities include highway and bridge replacement and rehabilitation, actions to reduce transportation related emissions, improved connections to major intermodal terminals, bicycle and pedestrian access and safety and safety improvements at railway-

IN FOCUS



Town of Clayton Revitalization

For the past century, the banks of the St. Lawrence River has served as a destination for some of the most exclusive families in the world. The Town of Clayton serves as a gateway to the river’s world-famous Thousands Islands, and while the community has changed over the years, it is still the gateway to the area. This quintessential river village, with help from New York State, is making inroads to reclaim its past traditions and leverage its precious resource to strengthen its place as a centerpiece of the region.

New York’s DOS initiated the multi-faceted effort with a Local Waterfront Revitalization grant to plan and develop the area. Then, the New York State Environmental Protection Fund awarded nine

highway grade crossings. Eligible applicants include any state or local government entity, including public authorities and Indian tribes, authorized to receive and administer State and federal transportation funding.

Funds are identified through a federally-required planning and programming process. In urbanized areas, projects are selected through Metropolitan Organizations (MPO) and projects in rural areas are identified by the Department of Transportation in consultation with local officials. Info:

www.ny.gov/CoreFedHwy

www.ny.gov/CoreFedHwyGuide

Aviation Capital Grant Program

This program provides up to \$10 million annually

separate grants to support renovations to historical landmarks and develop walkways and pavilions along the waterfront. The New York State Department of Transportation Enhancement Program awarded Clayton funds to complete the third phase of the Riverwalk to create a continuous walkway in the shopping district. Through the NCREDC, Empire State Development helped build the One Thousand Island Harbor Hotel on a fully remediated former industrial site.

for capital projects to enhance the state's airport infrastructure and improve the safety and efficiency of aviation services to increase economic competitiveness. Funds are allocated through a competitive solicitation.

Eligible applicants are owners/sponsors of public-use airports in the state which include: municipal corporations; public authorities (except a bi-state authority); public-benefit corporations; other owners of public use airports; or any combination of these eligible applicants. The next solicitation will be conducted in August 2016. Info:

www.ny.gov/AviationGP

Passenger and Freight Rail Assistance Program

This program provides up to \$27.5 million annually in assistance for rail and port capital investments to preserve and/or improve service in the state's major trade and passenger corridors, including capacity, clearance, intermodal facilities, yards, and other projects that promote economic development.

Eligible applicants include any railroad company,

any New York State agency, the federal government, the Canadian government, any public authority, or any political subdivision or municipality of the State. Funds are allocated through a competitive solicitation. The next solicitation will be conducted in August 2016. Info:

www.ny.gov/PassengerRail

Enhanced Mobility of Seniors and Individuals with Disabilities Public Transportation Grants Program (Section 5310)

The federal Enhanced Mobility of Seniors and Individuals with Disabilities Public Transportation Grants Program (Section 5310) is administered directly by the New York State Department of Transportation on behalf of the Federal Transit Administration. The program provides approximately \$15 million annually through a competitive solicitation to assist nonprofit groups in meeting the transportation needs of older adults and people with disabilities when transportation is unavailable, insufficient, or inappropriate to meeting these needs.

Public agencies or authorities that coordinate services for seniors and individuals with disabilities, or that can certify that no not-for-profit organizations are readily available to provide service, may also be eligible to receive program funding. Public agencies can also apply for the enhanced funds without coordination or certification. The next program solicitation will be conducted in winter



New York State is no stranger to extreme weather—and Tropical Storm Lee in 2011 was no exception. Making landfall on the East Coast just ten days following Hurricane Irene, Tropical Storm Lee oversaturated the Susquehanna River, flooding downtown Binghamton and subsequently destroyed its commercial district. This tragic disaster signaled that New Yorkers are living in a new reality defined by rising sea levels and extreme weather events that will occur with increased frequency and power. They also signaled that we need to rebuild our communities in a way that will guard against future risks.

2017. Info:

www.ny.gov/Mobility

***Formula Grants for Other than Urbanized Areas
(Section 5311)***

This program is administered by the New York State Department of Transportation on behalf of the Federal Transit Administration. The program provides approximately \$20 million annually for public transportation projects in rural areas. It supports capital projects; operating costs of equipment and facilities; and

New York State rapidly responded to the entire Southern Tier, and over the last five years has maintained a resolute focus in building Binghamton back stronger than before. The City of Binghamton is using NY Rising Community Reconstruction (NYRCR) funds to separate storm water from sanitary sewer flows and installing a new water main near the new Binghamton Gateway Homes, an affordable housing project that received Low Income Housing Tax Credit (LIHC) equity provided by the NYS Housing Trust Fund Corporation, a grant from the Governor’s Office of Storm Recovery – Affordable Housing Fund and \$114,000 from HCR’s Community Investment Fund. The NYRCR project is also part of an overall reconstruction project along this portion of Front Street that will include full depth road reconstruction, new curbs and sidewalks, improved pedestrian and bicycle mobility, new street lighting and street trees.

the acquisition of public transportation services in areas with populations of less than 50,000. Eligible recipients include rural counties, cities, public transportation authorities, federally recognized Indian tribes, and private intercity bus operators. The next program solicitation will be conducted in 2017. Info:

www.ny.gov/UrbanizedAreas

Statewide Mass Transportation Operating Assistance

The Statewide Mass Transportation Operating Assistance Program provides more than \$5 billion annually in formula funding to stabilize and maintain fares and service levels for municipally sponsored public transportation services.

Eligible recipients include public and private transportation services that are open to the public. They can be sponsored by any county, city, Indian reservation, public transportation authority or intercity bus services directly sponsored by the Department of Transportation. Eligible public transportation services must operate on

a regular and continuing basis and have predetermined and publicly posted fares, service hours and printed schedules. Funds are apportioned on a quarterly basis. Info:

www.ny.gov/MassTranspo

New York Truck – Voucher Incentive Program (NYT-VIP)

The New York Truck – Voucher Incentive Program (NYT-VIP) aims to accelerate the integration of advanced vehicle technologies in the commercial truck and bus sectors, promoting clean air and sustainability. The program is operated through a partnership between the Department of Transportation, NYSERDA, the New York City Department of Transportation, and CALSTART.

NYT-VIP is a “first come, first served” program comprised of three funds to provide voucher incentives for the purchase of alternative fuel vehicles. These include a program that provides incentives for certain classes of electric trucks in 30 eligible counties, and two programs that provide incentives for certain clean vehicles in the

five boroughs of New York City. Info:

www.ny.gov/TruckVIP

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