



New York State Environmental Facilities Corporation



Environmental Facilities Corp. Program Updates April 22, 2014

Governor Andrew M. Cuomo

President Matthew J. Driscoll

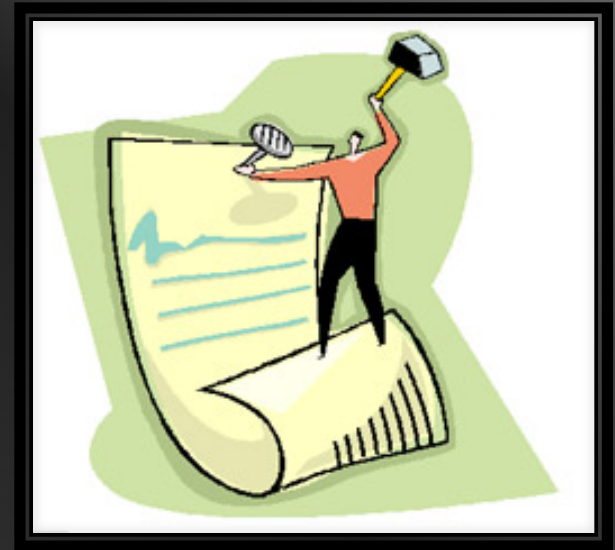
Environmental Facilities Corporation



- **Mission:** To promote environmental quality by providing low-cost financing and technical assistance to municipalities, businesses and State agencies for environmental and public health projects
- Over \$16 billion in low-cost financing and grants since 1990
- Over 2,300 water and sewer infrastructure projects spanning New York State
- Largest CWSRF in the nation

Today's Agenda

- **Clean Water and Drinking Water SRF Overview**
- **SRF Program Updates / New Business Model**
- **Other SRF Funding Programs Available**
 - ✓ **Green Innovation Grant Program**
 - ✓ **Wastewater Infrastructure Engineering Planning Grants**



25th Anniversary of Clean Water SRF

- More than \$13 billion in loans and grants since 1989
- Improving water quality and expanded economic development opportunities in towns, villages and other municipalities across New York State



Clean Water State Revolving Fund



Provides low-cost financial assistance for wastewater and water quality infrastructure



- A variety of publicly-owned water quality improvement projects are eligible for low-interest financing including:
 - ✓ **Point Source Projects**
(wastewater treatment and collection facilities)
 - ✓ **Nonpoint Source Projects**
(stormwater management projects, landfill closures, green infrastructure, decentralized wastewater, reduction of atmospheric deposition, land acquisition for water quality)
 - ✓ **National Estuary Projects**
(habitat restoration/protection projects in NY/NJ Harbor and Estuary, Long Island Sound, and Peconic Bay Estuaries)

Drinking Water State Revolving Fund



Provides financial assistance for public and private drinking water infrastructure

Provides subsidized low-interest rate financing and limited grants for construction of eligible water system projects

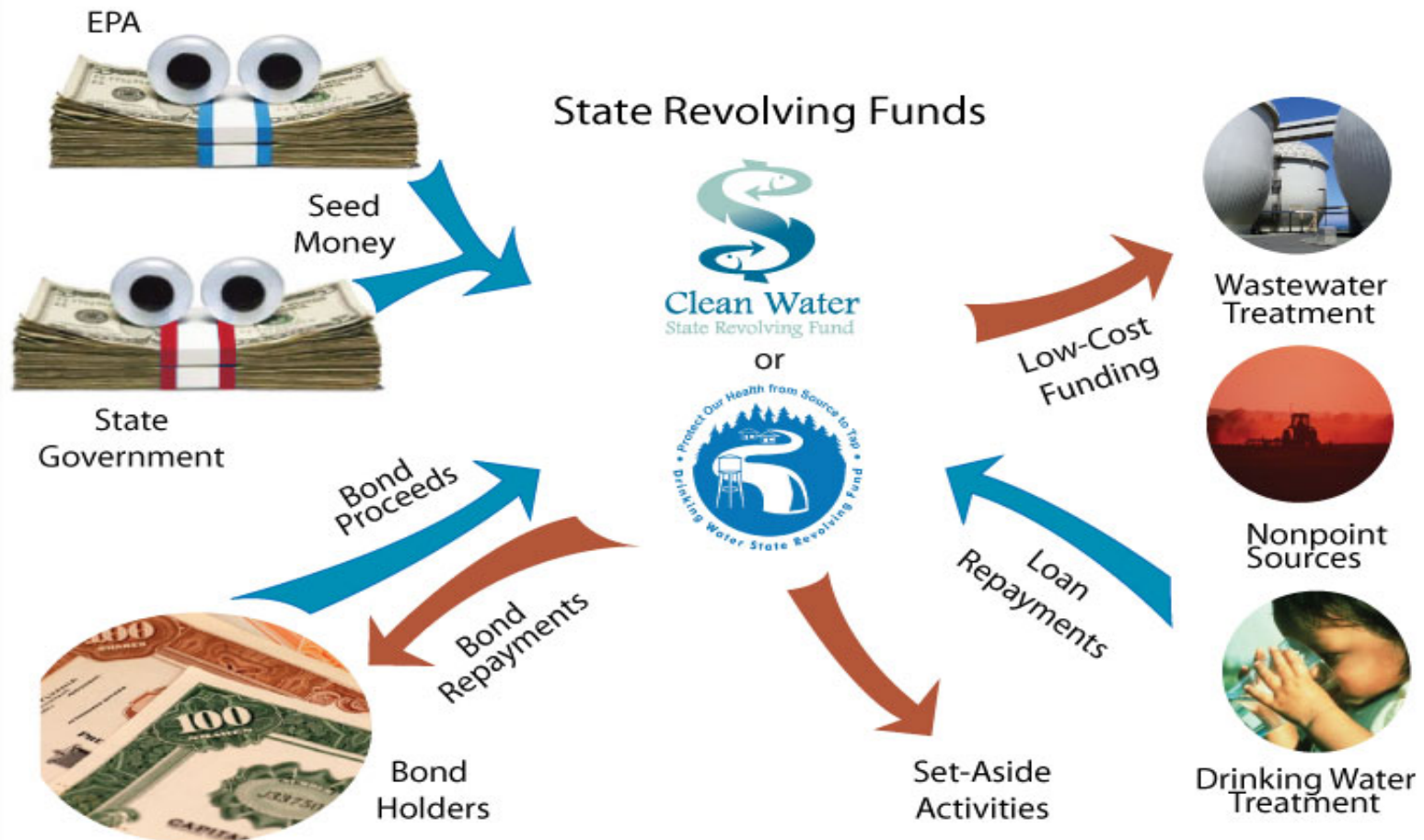


▪ Eligible projects include:

- ✓ Treatment Plants
- ✓ Distribution Mains
- ✓ Storage Facilities



How SRF Programs Work



SRF Loan Summary

Clean Water	Drinking Water
Leveraged rate financing with <u>50%</u> subsidy for up to 30 years (2.08%)	Leveraged rate financing with <u>33%</u> subsidy for up to 20 years & years 21-30 at AAA rates (2.77%)
Hardship financing as low as <u>0%</u> interest for up to 30 years	Grants up to \$2 million for hardship projects + financing as low as <u>0%</u> interest for up to 30 years
Subsidy financing determined on priority scoring system, impacts of water quality and public health	
Short-term financing for up to 5 years at 0% interest	
Short and Long-Term Market Rate Programs (AAA tax-exempt rate) (Long-Term Market Rate – 4.16%)	

New York's Water Infrastructure



Backbone of our Communities

Retains Business and Industry

Foundation of Economic Development

Protects Water Resources

Provides Better Place to Live and Play

Traditional gray infrastructure



Reliable, effective ... but aging

Needs Remain Great

FFY 2014 Intended Use Plan			
	Clean Water	Drinking Water	Total
Funds Available for Projects	\$1.16 Billion	\$426 Million	\$1.58 Billion
Projects Listed on IUP	449	701	1,150
Project Demand	\$5.12 Billion	\$ 3.94 Billion	\$9.06 Billion

Stretching SRF Dollars Further

- EFC routinely issues bonds to generate additional funding for SRF projects across the state
- This summer, a record of nearly \$500 million will be generated for 60 communities
- EFC's prudent financial and program management create hundreds of millions of dollars of additional SRF equity
- EFC's investment strategies praised by the Environmental Financial Advisory Board of the U.S. Environmental Protection Agency

EFC's New Business Model:

Get Available Funds Out the Door Faster

- Higher-Scoring Projects Should Not Sit On Available SRF Dollars
- Begin Shovel-Ready Projects Now
- 2014 Subsidy Line Reduced
- Protect Environmental and Public Health
- Spur Job Creation, Economic Growth



Short-Term Application Submission

A Complete SRF Finance Application includes:

- 1) Signed Application Form
- 2) Completion of the State Environmental Quality Review (SEQR)
- 3) Signoff of project by the NYS Office of Parks, Recreation and Historic Preservation (SHPO or OPRHP)
- 4) Water/Sewer District Formation
(if necessary)
- 5) Adoption of a Bond Resolution



February 2nd Deadline for Financing Applications

EFC's New Business Model:

North Country

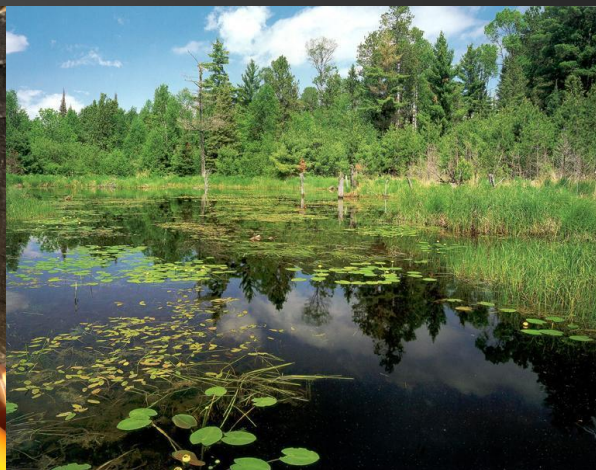
- Four Additional Projects - \$18,463,000
 - Franklin County Solid Waste Management Authority
 - Village of Saranac Lake
 - Village of Massena
 - Town of Malone

Statewide

40 additional projects
\$387 million



Other SRF Funding Programs Available





Regional Economic Development Councils & the CFA

Consolidated Funding Application

New York State | Search all of NY.gov

The New NY WORKS for Business REGIONAL ECONOMIC DEVELOPMENT COUNCILS

Consolidated Funding Application | CFA Project Info

HOME | REGIONAL COUNCILS | MEDIA | FAQs | MAP | 2013 Events | 2012 Archived Materials | 2011 Archived Materials

Regional Councils

2013 Regional Council Guidebook | CFA Resource Manual | CFA Application Guide | Consolidated Funding Application Workshops

Welcome to the New New York

In 2011, Governor Cuomo created 10 Regional Councils to develop long-term strategic plans for economic growth for their regions. A key component of Governor Cuomo's transformative approach to economic development, these councils are public-private partnerships made up of local experts and stakeholders from business, academia, local government, and non-governmental organizations.

Over the past two years, as part of a process that has awarded over \$1.5 billion for job creation and community development, the Regional Councils produced innovative plans and implementation agendas that truly reflect the distinct characteristics of each of the 10 regions of our great state.

New York is keeping the momentum going with a third round of funding this year for the Regional Councils, including \$220 million to implement regional strategies and priorities.

Awards \$51.4 Million City

- 10 Regional Councils to develop long-term strategic plans for economic growth for their regions
- In 2013, \$760 million in state funding and tax incentives
- Green Innovation Grant Program and Wastewater Infrastructure Engineering Planning Grants

www.regionalcouncils.ny.gov

"We must change the way we engage in economic development planning and execution.

Those working at the local level know their area economies best..."

- Governor Andrew M. Cuomo

The Green Innovation Grant Program

- Projects focused on green wet weather infrastructure
- Highly competitive, award-winning grant program
- No cap- up to 90% funding for eligible project costs
- After 5 rounds, \$102.7 million allocated to 138 green projects across state, including 17 projects announced in December 2013



www.efc.ny.gov/GIGP

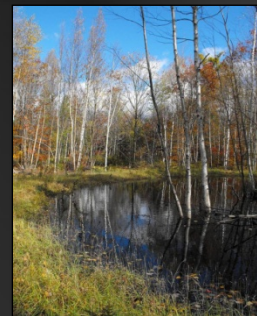
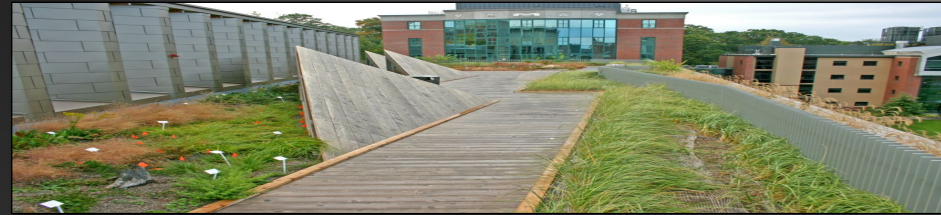


Green Innovation Grant Program (GIGP)

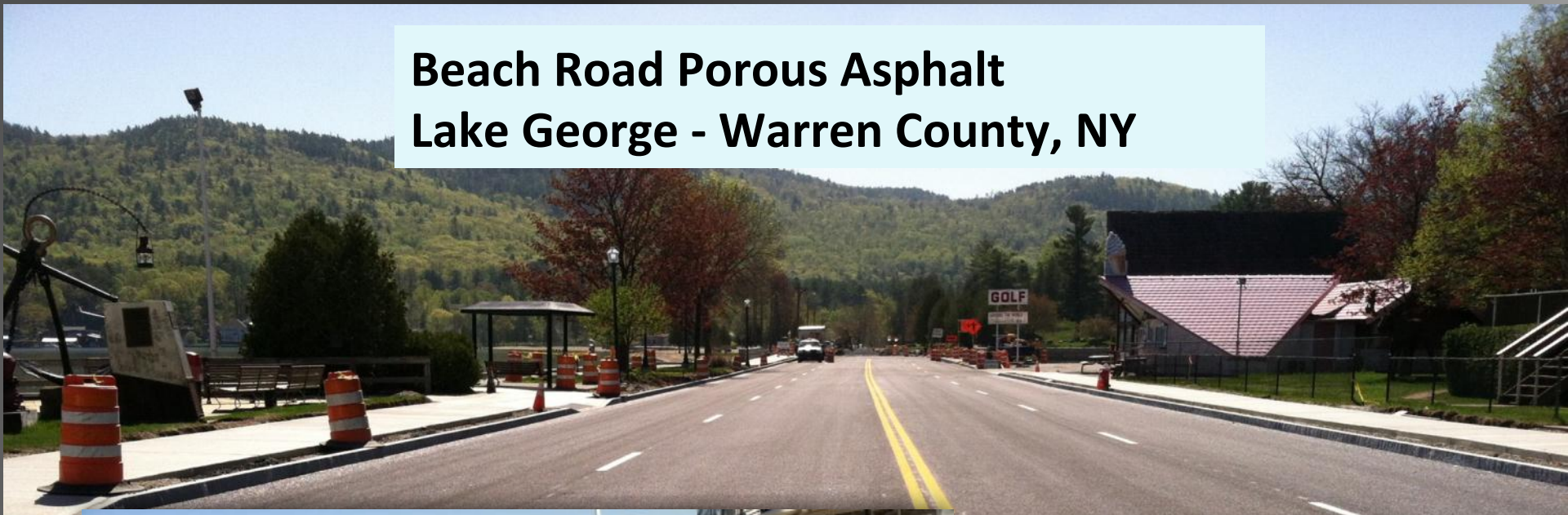
- Protect and improve water quality
- Spur innovation
- Build green capacity - locally and beyond
- Facilitate the transfer of new technologies and practices to other areas of the State

GI Practices Eligible for GIGP Funding

- Permeable Pavement
- Bioretention and Rain Gardens
- Downspout Disconnection
- Stormwater Harvesting & Reuse
- Green Roofs
- Street Trees and Urban Forestry Programs
- Construction/Restoration of Wetlands, Floodplains, and Riparian Buffers
- Stream Daylighting



Beach Road Porous Asphalt Lake George - Warren County, NY



**Eliminates direct
stormwater
discharges
into Lake George
for storm events
of 5" or less in a
24-hr period**

WINTER 2013

Sustainable CONSTRUCTION™




Contents

**BEST PRACTICES TO HELP
CONTRACTORS BUILD MORE SUSTAINABLY**

POROUS PAVEMENT FOR POWERFUL STORMWATER MANAGEMENT

A coastal repaving project in Lake George is the first roadway application of heavy-duty porous asphalt in the state of New York.

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The 2014 NYS EFC Green Infrastructure Program Plan

EFC will implement the vision that *Green Infrastructure is the Standard* for all of New York State. EFC will work with communities with combined sewer overflows and state agency partners across the state to make green infrastructure the first approach considered. This document defines the focus areas for EFC's Green Infrastructure Program (GIP), a complement to EFC's Green Innovation grant Program (GIGP). GIP resources and efforts will be guided by this vision and plan for 2014.

Objectives	Measures
<p>Promote green infrastructure as the standard</p> <p>Use the Green Innovation Grant Program (GIGP) to fund the construction of green infrastructure demonstration projects. <i>Supporting the construction of highly visible demonstration projects increases the exposure to, and adoption of, green infrastructure.</i></p> <p>Ensure all EFC staff use standard green infrastructure slides and talking points at all EFC promotional presentations. <i>Providing a consistent message to potential funding applicants increases the quality of applications and increases understanding of green infrastructure.</i></p> <p>Develop case studies of successful GIGP projects. <i>Case studies communicate important lessons learned to potential implementers of green infrastructure.</i></p>	<ul style="list-style-type: none"> Fund 5 new recipients located in a combined sewer area with projects that include 3 years of post-construction water quality monitoring. Develop standard green infrastructure slide sets. Provide technical training to EFC Community Assistance Staff on green infrastructure. Development of at least two technical and economic case studies for use as outreach and education tools.
<p>Provide technical assistance to NYS agency partners</p> <p>Provide technical assistance to NY Rising agency partners to incorporate green infrastructure (including natural systems) in their rebuilding plans. <i>Increasing the knowledge of other agencies builds the capacity for green infrastructure across the state.</i></p> <p>Build partnerships with state agencies to further the development and adoption of green infrastructure design standards and supporting policies. <i>Increasing the knowledge of other agencies builds the capacity for green infrastructure and removes barriers to implementing green infrastructure.</i></p>	<ul style="list-style-type: none"> Partner with other EFC divisions and NYS agencies and authorities to ensure that green infrastructure is an integral tool used in NY Rising. Identify 5 key projects that would benefit from GI and support these projects through implementation. Collaborate with NYS DEC and NYS OPRHP to increase adoption and implementation of green infrastructure. Identify and meet with key NYS DOT staff to help remove barriers to implementation of green infrastructure and identify a path for developing green infrastructure design specifications.
<p>Effect change in communities with combined sewer overflows (CSOs)</p> <p>Organize and host one or more NYS Green Infrastructure Summit(s). <i>Through the Summit EFC will facilitate collaboration and technology transfer between NYS communities who have implemented green infrastructure and those who have not. This will increase knowledge and the likelihood of adoption of green infrastructure by new communities.</i></p>	<ul style="list-style-type: none"> Successfully host a day long roundtable dialogue that includes early adopters and at least 3 NY communities who are not currently using green infrastructure in their CSO program.



2014 NYS Green Infrastructure Plan

- Promote Green Infrastructure as the Standard
- Provide Technical Assistance to NYS Agency Partners
- Effect Change in Communities with Combined Sewer Overflows
- EFC Committed to Future Funding

Coming Soon....Applying for GIGP

- Feasibility Study
- Conceptual Site Plan
- Project Location Map
- Site Photographs



Apply through the Consolidated Funding Application (CFA) <http://nyworks.ny.gov>

Wastewater Infrastructure Engineering Planning Grants

- Up to \$50,000 per locality; 20% local match (including in-kind services) for engineering studies and environmental reviews
- Administered with NYS Department of Environmental Conservation (DEC)
- In 2013, \$1.9 million awarded to 63 local entities through Gov. Cuomo's Regional Economic Development Councils
- \$2 million available in 2014
- Apply through the Consolidated Funding Application (CFA) nyworks.ny.gov



EFC Client Services



- Application Assistance
- Legal, Engineering, Financial Expertise
- Individual Project Consultations
- On-site Visits
- Public Outreach and Education
- Co-Funding
- Community Assistance/ Field Offices
- Post Closing Assistance



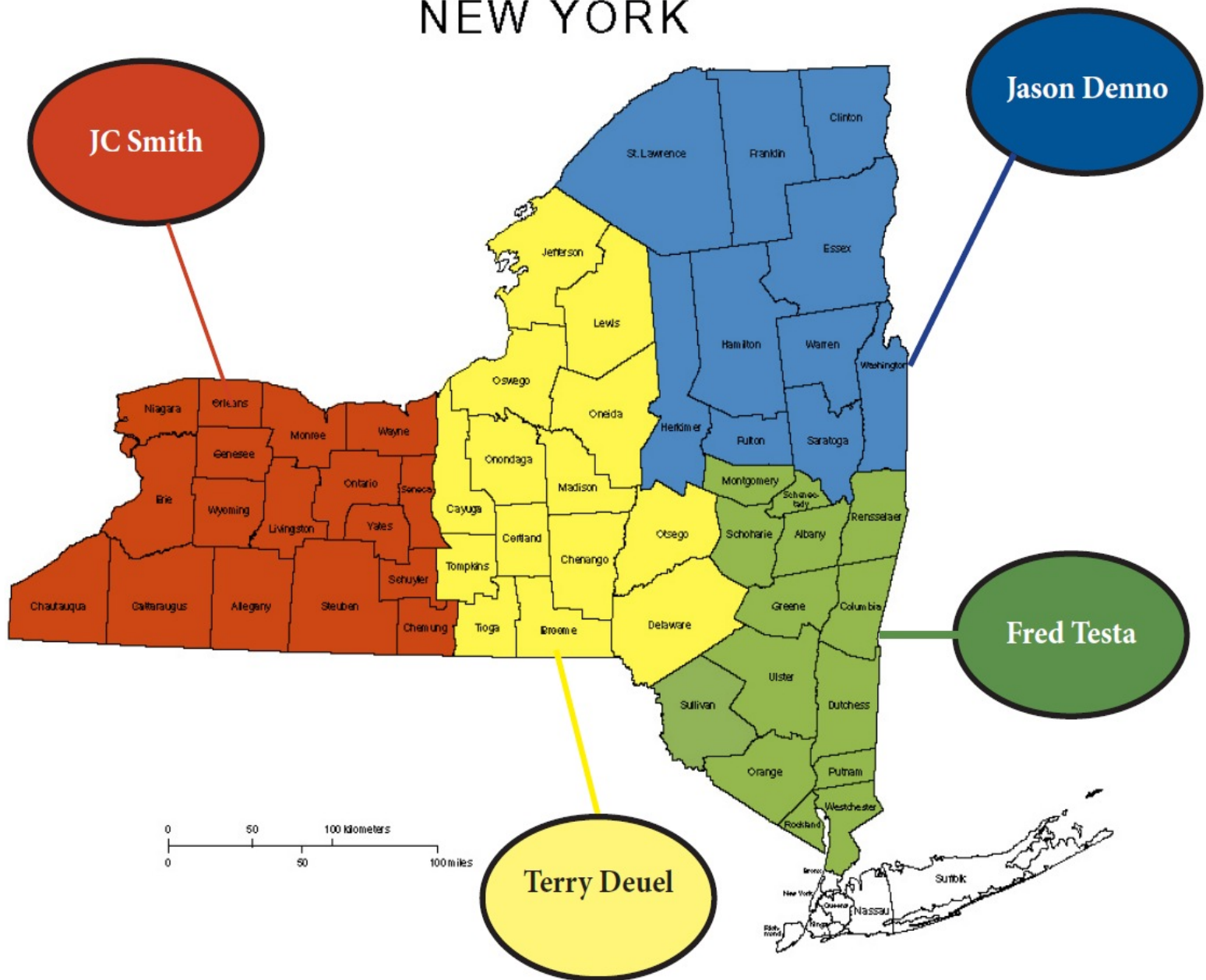
Co-Funding Partnerships

- USDA Rural Development
 - ✓ Loan/Grant Program
- NYS Office of Community Renewal
 - ✓ Community Development Block Grant Program
- NYS Department of Environmental Conservation
 - ✓ Water Quality Improvement Grant Program
- NYS Department of State
 - ✓ Local Government Efficiency Grant Program



EFC's Community Assistance Staff

- Direct assistance to small, rural communities for the organization and completion of SRF eligible water/wastewater projects
- Project Development and Funding Coordination
- Organization and identification of specific work tasks, scheduling the sequencing of work and identifying the expertise needed to complete the project

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How SRF's Fit Into the Future

Protecting Public Health and the Environment

Creating innovative partnerships inside and outside of NYS government

Supporting Residential and Business Needs

Equals strong infrastructure and reliability

Promoting Economic Development

Identify industries with site-specific needs

Growing Jobs

Helping build a base to support economic development



Generating private investment

**Every \$1 invested
= \$6.35 return**

The New York State Environmental Facilities Corporation



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Financing for a Sustainable Future

www.efc.ny.gov