Black River Watershed Conference
Port Leyden, NY
NYS Environmental Facilities Corporation

Programs Include:

- State Revolving Fund Program
- Small Business Environmental Assistance Program
- Clean Vessel Assistance Program
- Green Innovation Grant Program
Green Innovation Grant Program (GIGP) Goals

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

• $14.85 million in funding available for 2015
What is “Green Infrastructure”? 

- **Green stormwater infrastructure** includes a wide array of practices that provide a cost-effective way to manage wet weather by maintaining and restoring a more natural hydrology.

- On a **regional scale**, green infrastructure is the preservation and restoration of natural landscape features, such as forests, floodplains and wetlands that help reduce overall imperviousness in a watershed.

- On the **local scale** green infrastructure consists of site- and neighborhood-specific practices such as bioretention systems, stormwater street trees, green roofs, permeable pavements and cisterns.

Source: US EPA Green Project Reserve FY 2013
Why use Green Infrastructure?

It is Cost Effective
Why use Green Infrastructure?

Economic Benefits
Why use Green Infrastructure?

It is the New York Standard
Green Infrastructure and Resilience
GI Projects In NYS
Practices Eligible for GIGP Funding

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

- Porous asphalt
- Porous concrete
- Concrete unit pavers
- Reinforced turf
Project:
Porous Asphalt
Lake George, NY

Before
Project: Porous Asphalt
Lake George, NY
Project:
Porous Asphalt
Lake George, NY
**Bioretention & Rain Gardens**

**Project:**
Retrofit of a Municipal Parking Lot
North Tonawanda
Project:
Retrofit of a Municipal Parking Lot
North Tonawanda
Project:
Retrofit of a Municipal Parking Lot
North Tonawanda

Construction
Project:
Retrofit of a Municipal Parking Lot
North Tonawanda
Project:
Retrofit of a Municipal Parking Lot
North Tonawanda
Green Streets: Using Multiple GI Practices

Project: Buffalo Sewer Authority CSO Reduction Demonstration Projects
Project:
Buffalo Sewer Authority
CSO Reduction
Demonstration Projects
Project:
Buffalo Sewer Authority
CSO Reduction
Demonstration Projects

After
Project:
Buffalo Sewer Authority
CSO Reduction Demonstration Projects

AFTER
Project:
Canandaigua
Bioretention & Porous Pavement Retrofit
Project: Canandaigua Bioretention & Porous Pavement
Project:
Canandaigua Bioretention & Porous Pavement
Project:
Bioretention & Porous Pavement
Canandaigua

After
Before

Project:
Porous Pavement & Bioretention
Syracuse, NY
Construction

Project: Porous Pavement & Bioretention Syracuse, NY
Construction

Project:
Porous Pavement & Bioretention
Syracuse, NY
Project: Porous Pavement & Bioretention Syracuse, NY
Downspout Disconnection & Stormwater Harvesting and Reuse
Stormwater Harvesting & Reuse

Project:
Urban Grow Center
Troy, NY
Project:
War Memorial Rainwater Reuse System Project
Syracuse, NY
Project:
War Memorial Rainwater Reuse System Project
Urban Street Trees/Urban Forestry Programs

Project:
Urban Street Tree Canopy Restoration
City of Rome, NY
**Project:**
Urban Street Tree Canopy Restoration
City of Rome, NY
Project: Urban Street Tree Canopy Restoration
City of Rome, NY
Project:
Urban Street Tree Canopy Restoration
City of Rome, NY

After
Green Roofs & Green Walls
Project: SUNY College of Environmental Science & Forestry Green Roof Syracuse, NY
Project:
SUNY College of Environmental Science & Forestry Green Roof Syracuse, NY
Project:
SUNY College of Environmental Science & Forestry Green Roof
Syracuse, NY

After
Project:
Court Street Green Roof
Binghamton, NY

Before
Project:
Court Street Green Roof
Binghamton, NY
Project:
Court Street Green Roof
Binghamton, NY
Construction/Restoration of Wetlands, Floodplains and Riparian Buffers

Project:
Wetland Restoration in NY’s Susquehanna River Basin
Project: Wetland Restoration and Creation in NY’s Southern Tier
Project:
Wetland Restoration in the NY Susquehanna River Basin
Berm Removal for Stream and Floodplain Restoration
Project:
Chubb River Dam Removal & Wetland Restoration
Lake Placid, NY
Construction

Project:
Chubb River Dam Removal
Lake Placid, NY
Project:
Chubb River Dam Removal
Lake Placid, NY
Project:
Wetland Construction & Riparian Buffer Restoration
Brookhaven, NY

Before
Project: Wetland Construction & Riparian Buffer Restoration Brookhaven, NY
Project:
Wetland Construction & Riparian Buffer Restoration
Brookhaven, NY
After

Project: Wetland Construction & Riparian Buffer Restoration Brookhaven, NY
Project:
Wetland Construction & Riparian Buffer Restoration
Brookhaven, NY
Stream Daylighting

Project:
Daylighting of the Saw Mill River
Yonkers, NY
Project:
Daylighting of the Saw Mill River
Yonkers, NY
Project:
Daylighting of the Saw Mill River
Yonkers, NY

Construction
Project: Daylighting of the Saw Mill River -- Yonkers, NY
Green Innovation Grant Program (GIGP)

• Protect and improve water quality
• Spur innovation
• Build green capacity -- locally and beyond
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• $14.85 million in funding available for 2015
Applying for GIGP

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

Required Application Elements:

- Feasibility Study
- Existing Conditions Plan
- Conceptual Site Plan
- Site Photographs
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Financing for a Sustainable Future