

# Assessing Federal Stimulus Money for NYS Water Infrastructure Programs



•NYS Department of Environmental  
Conservation



# Environmental Facilities Corporation CWSRF Accomplishments

- Received \$2.9 Billion
- Provided over \$11 Billion
- 280% Return
- ~1,400 Projects with ~500 Recipients
- \$1.3 Billion in Subsidy
- Recognized Nationally as Financial Innovator

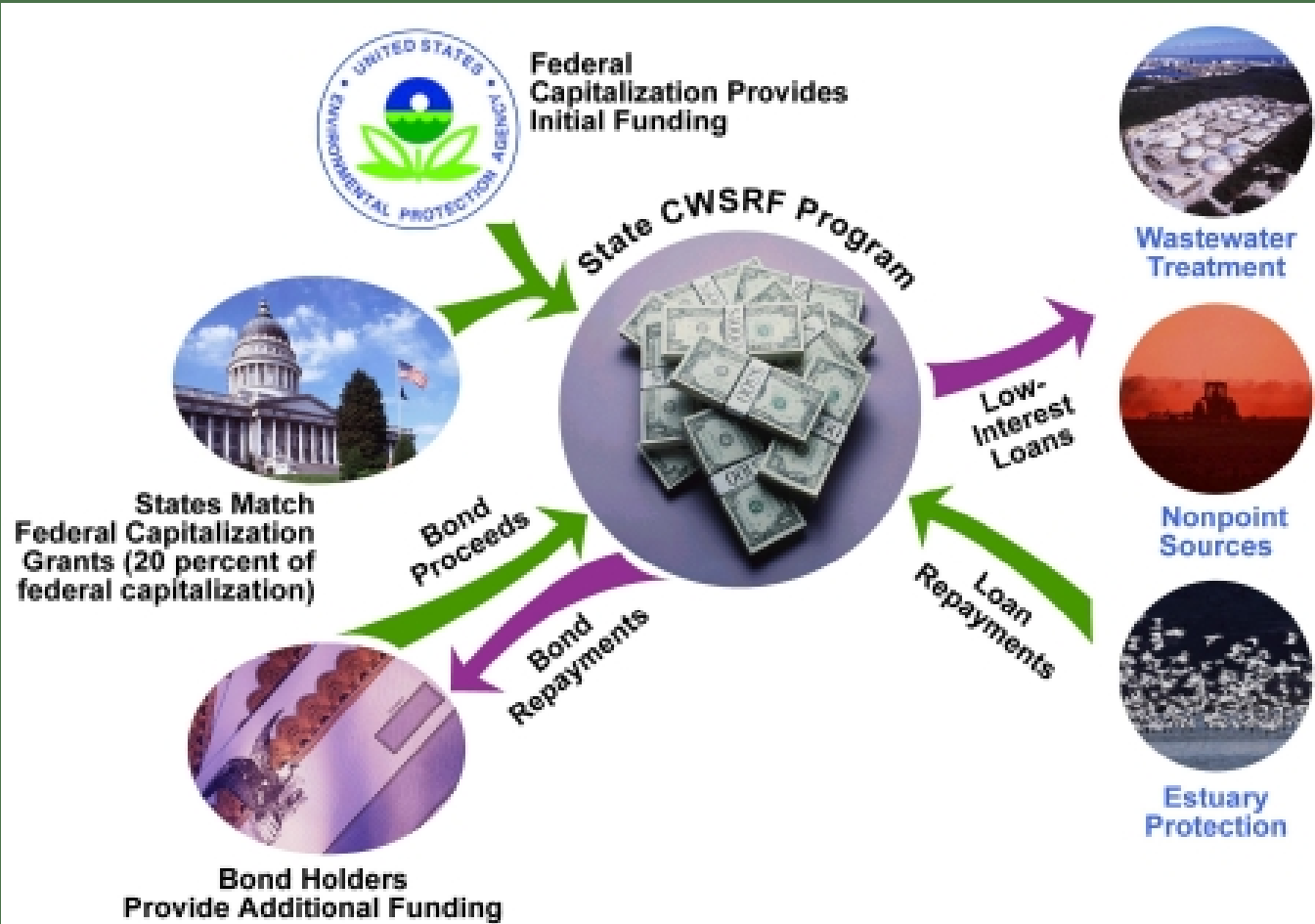


Newtown Creek Digesters – New York City

*Courtesy of New York City Department of Environmental Protection*



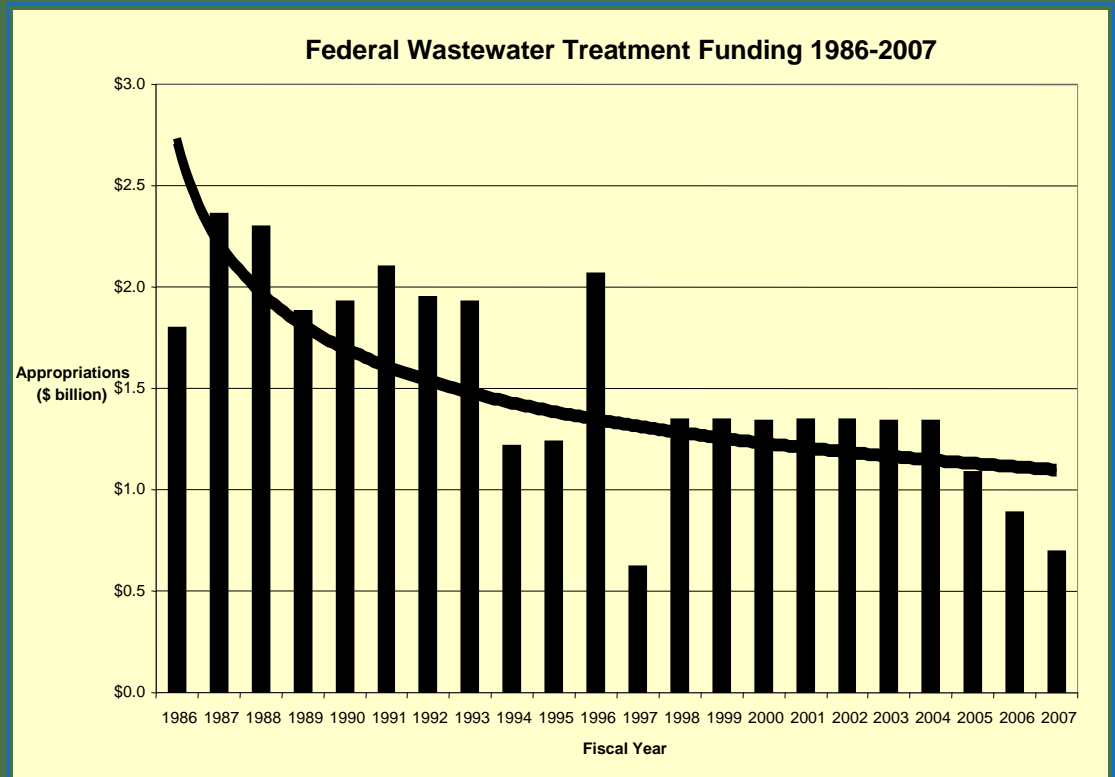
# How SRF Programs Work



# The Demand

- Clean Water Needs > \$36 Billion over next 20 Years
  - \$11 Billion in Urgent Need

- How Did We Get Here?
  - Increased Water Quality Standards
  - Deferred Maintenance
  - Insufficient Local Revenues

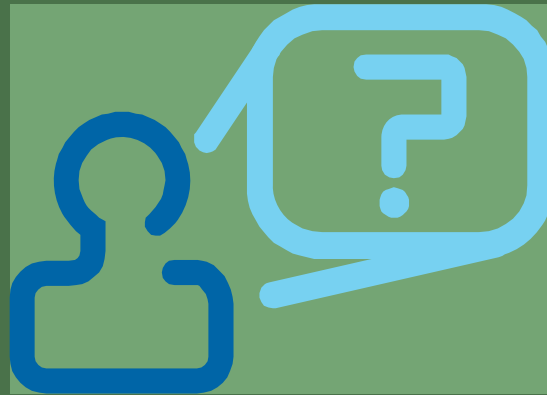


# “Green” Priorities

- Energy
  - Efficiency, Combined Heat and Power, Renewable Resources
- Smart Growth
- Water Conservation
  - Efficiency, Recycling, Harvesting, Reuse and Reclamation
- Green Wet Weather Infrastructure and Practices
- Integration and Innovation



# How?



# The American Recovery and Reinvestment Act (ARRA)

- \$4 Billion – CWSRF
- \$2 Billion - DWSRF
- Green Reserve - 20%
- First CW Grants in 20 yrs

## New York State Received:

- \$432 Million for Clean Water Projects
- \$86 Million for Drinking Water Projects

Total Funding out 2009  
>\$1 Billion



# Green Project Reserve

*A minimum of 20% percent of the funds must address green infrastructure, water or energy efficiency improvements or other innovative activities.*

- Green Innovation Grant Program (GIGP) \$35 million in funding available
- Green upgrades to existing projects - \$50 million



Green Roof on The Solaire, New York City

*Photo courtesy of Alliance Environmental, LLC*



# The Next Generation of SRFs

- Increase Federal Funding Levels
  - \$2 Billion CWSRF FFY 2010
  - SRF Reauthorization - \$13.8 Billion / \$20 Billion over 5 years
- Integrate Green Innovation into SRFs *and* Permit Process
- Adopt Asset Management and Sustainable Rate Setting



# Asset Management



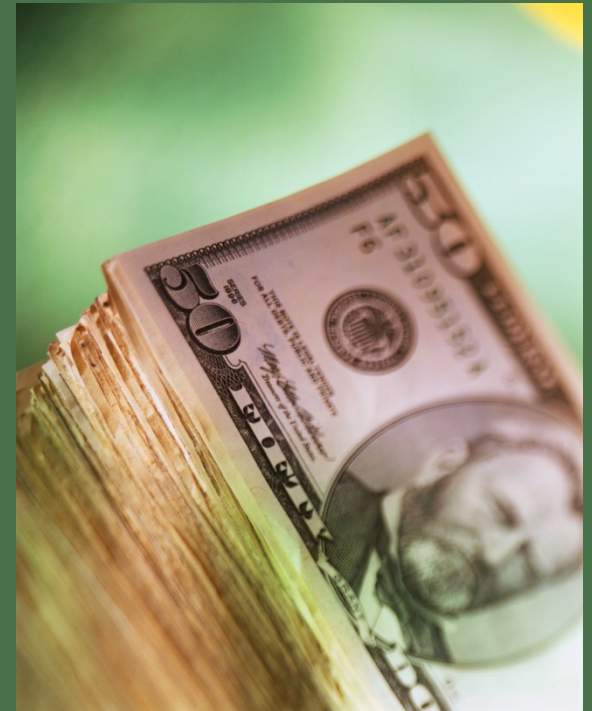
Manage capital assets to

- Improve finances, management, infrastructure and operations
- Provide reliable, consistent cost-effective services



# Sustainable Rate Setting

- Full vs. Fair Cost Pricing
  - Full = 100% consumer responsibility
  - Fair = Balanced and Affordable
- Essential to achieving economic and environmental sustainability



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