



GREENPRINT PARTNERS

Green infrastructure transforms communities.
We partner with cities to deliver more, better, for all.

Funding GSI on Private Property
October 2019

Green stormwater infrastructure (GSI) program design

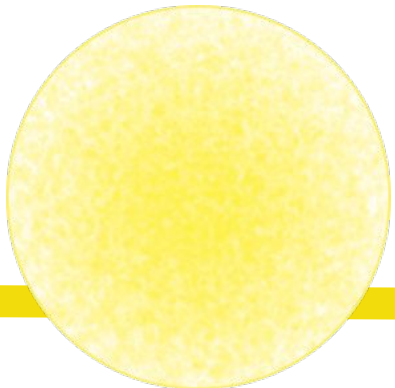
The right funding/financing solution starts with the right program design.



Identify Goals

What outcomes (or set of outcomes) are we seeking to achieve?

- # greened acres
- # gallons managed
- % CSO reduction



Identify Model

What program model will help our community achieve those goals?

Private land



Sector-specific



Citywide



Regional



Identify Funds + Implementation Structure

The selected program model drives the decisions about

- how to fund and/or finance
- how to implement

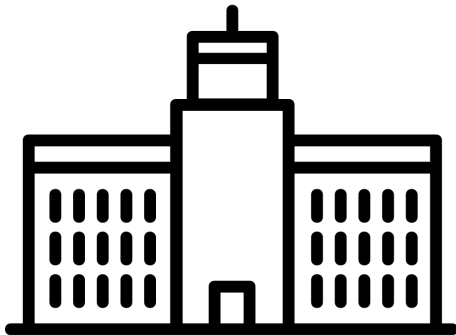
St. Louis Metropolitan Sewer District (MSD) Case Study

To meet terms of Consent Decree, MSD's Long-term control plan dedicates \$100M to GSI within St. Louis' combined sewer area.

Goal: Reduce CSO volumes by 10% within ~20 years

Model: Private Property Grant Program

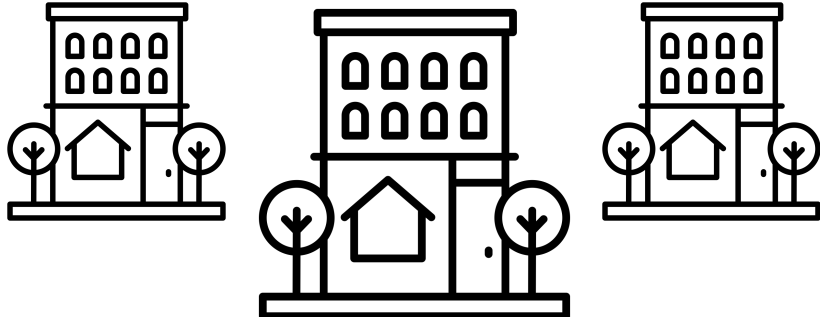
Funds: Dedicated \$5M of operating budget funds per year



Reimbursement-Based Grants
Project Portfolios



GSI Implementation
Contracts



MSD

Accesses cost effective GSI projects on private property

PROJECT DEVELOPERS

Contracts with landowners to develop a large portfolio to submit to the utility for approval & contracting.

LARGE PROPERTIES

Accesses grant-funded green space and GSI co-benefits

Could a refined implementation and financing model help achieve the same goal faster?

CURRENT MODEL Reimbursement-Based Grant Program

- 1. **Goal:** Reduce CSO volumes by 10% by incentivizing GSI retrofits
- 2. **Funding/Financing:** No financing; \$5M per year spent on direct project costs for 20 years
- 3. **Timeline:** 20 years to achieve \$100M in GSI; Total benefits of GSI achieved *incrementally*

POSSIBLE MODEL REFINEMENT Long-term GSI Contract

- 1. **Goal:** Reduce CSO volumes by 10% by incentivizing GSI retrofits
- 2. **Funding/Financing:** Long-term financing through P3, municipal bond, or EIB; \$5M/year spent on performance-based payments for 20 years
- 3. **Timeline:** 3 years to achieve \$100M in GSI; Total benefits of GSI *delivered now*

How can I support GSI on private property?

Community-based Organizations

- Investigate if your city has a program and drive landowner participation
- Build public support for program and advocate for high project standards.

Government

- Engage with peers across the country to seek best private property program models
- Design and fund innovative programs
- Always ask how you can achieve more impact, faster for each dollar spent.

Practitioners

- Tailor services to private property owners

