



GREEN STORMWATER  
INFRASTRUCTURE  
PARTNERS™  
REIMAGINING STORMWATER



## 2020 EXCELLENCE IN GREEN STORMWATER INFRASTRUCTURE AWARDS

### Celebrating the Benefits of GSI and the Stakeholders Committed to the Triple Bottom Line

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#### **\*Request for Nominations\***

The Sustainable Business Network of Greater Philadelphia's Green Stormwater Infrastructure (GSI) Partners are seeking exemplary GSI projects and innovations within the Philadelphia region for consideration for an Excellence in GSI Award. Our Ceremony recognizes and celebrates the exceptional GSI projects and innovations that demonstrate the environmental, social, and economic benefits that a nature-based approach to stormwater management brings to the Greater Philadelphia Area.

SBN's GSI Partners will be recognizing excellence in GSI in the following categories:

1. **Public Projects:** Built projects managed in large part by a public agency and/or on public property (municipal, state, federal)
2. **Private Projects:** Built projects managed in large part by a private entity and/or on private property
3. **Innovation:** Processes, programs or technology that break new ground, by applying information, ingenuity, and initiative to significantly advance GSI impact

Winning applications will highlight the triple bottom line (environmental, social, and economic) benefits of a green infrastructure approach to stormwater management.

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#### **About the Sustainable Business Network of Greater Philadelphia**

The Sustainable Business Network of Greater Philadelphia (SBN) is a community of local independent businesses that demonstrate the degree to which businesses can build profitable enterprises while serving community needs and protecting the environment. SBN's mission is to build a just, green, and thriving economy in the Greater Philadelphia region. Since 2001, SBN has been the region's leading advocacy and membership organization for businesses committed to improving their environment and social impact as well as their profitability.

#### **About the Green Stormwater Infrastructure (GSI) Partners**

The GSI Partners, a signature program of SBN, is a network of local businesses in the green stormwater infrastructure industry, including firms in GSI design, construction, and maintenance, as well as material supply. *Green City, Clean Waters*, the City of Philadelphia's comprehensive nature-based stormwater management plan, sets a 25-year vision for environmental, social, and economic benefits for our city and region. SBN supports this triple bottom line plan, and is working to support its successful implementation.

# 2020 EXCELLENCE IN GREEN STORMWATER INFRASTRUCTURE AWARDS

## \*Nomination Form\*

### Section A. Applicant Contact Information

1. Name  
2. Firm / Organization  
3. Address  
City State Zip  
4. Phone 1  
Phone 2  
5. E-mail
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### Section B. Please judge this entry in the following category:

*Projects will be judged only in one category and only in the category designated here by the applicant (unless otherwise determined by the judging committee and accepted by the applicant). Please see full category descriptions to determine where a project may be considered.*

- Public Projects<sup>1</sup>:** Built projects managed in large part by a public agency and/or are on public property (municipal, state, federal)
- Private Projects<sup>1</sup>:** Built projects managed in large part by a private entity and/or are on private property
- Innovation<sup>2</sup>:** Processes, programs or technology that break new ground, by applying information, ingenuity, and initiative to significantly advance GSI impact

<sup>1</sup>For all entries in the Public Projects, and Private Projects, please complete Sections A, B, and C.

<sup>2</sup>For all entries in the Innovation in GSI category, please complete sections A, B, and D.

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### Section C. General Project Info and Context

1. Project name
2. Client  
a. Contact name b. Email
3. Location of Project  
a. Address b. Zip Code  
c. County d. Watershed
4. Project team

	Company name	Contact name	Email	HQ/local office locations
Planning/Design				
Construction				
Maintenance				
Monitoring (if applicable)				
Other (specify)				

# 2020 EXCELLENCE IN GREEN STORMWATER INFRASTRUCTURE AWARDS

## Section C. General Project Info and Context (cont.)

5. Construction completion date

6. Cost (distinguishing the following, if possible\*):

- a. Engineering and design costs
- b. Construction costs      c. Post-construction costs
- d. Other (specify)      e. Total      f. funding sources

7. Type of project / land use type [check all that apply]

- new construction       redevelopment       retrofit
- public accessible space, park, or green space       public/private/charter school
- private daycare/public pre-k       streetscape, greenway, trail, or other transportation projects
- commercial       residential
- mixed-use (specify)       industrial
- non-profit       institutional       other (specify)

8. Prior land conditions [check all that apply]

- greenfield       grayfield       brownfield       vacant land       compaction (urban conditions)
- utilities       right of ways       buried structures       wetland presence (regulations)
- floodplain/high water table       sinkholes/subsidence       fill site (landfill/debris)  other (specify)

9. Was infiltration possible? Y / N

10. Was remediation necessary? Y / N

11. GSI practice type(s) [check all that apply]

- bio-infiltration (specify type)
- bio-retention (specify type)
- green roof       porous pavement
- other (specify type)

12. Stormwater management design and calculations (a, b, and d outlined on map and in pdf format)

- a. Catchment/Drainage area (acres)
- b. Project footprint / limit of disturbance (acres)
- c. Design storm managed / depth managed
- d. Percent (%) impervious/pervious area managed

	Pre-construction	Post-construction
Percent (%) impervious cover		
Percent (%) pervious cover		

*\*NOTE: Cost information will remain confidential; it will not be associated with any particular project*

# 2020 EXCELLENCE IN GREEN STORMWATER INFRASTRUCTURE AWARDS

## Section C. General Project Info and Context (continued)

13. Provide a general overview/description of the project (750 words or less).

Please speak to as many of the following items as you can, and offer any additional information you feel is relevant.

- Planning phase
- Design phase
- Construction phase
- Maintenance regime
- Monitoring regime

14. Explain how this project maximizes environmental benefits (500 words or less).

Please speak to as many of the following questions as you can, and offer any additional information you feel is relevant.

- What BMPs were used and why?
- How was greenspace/open space preserved and/or created?
- How was habitat preserved and/or created?
- How was biodiversity encouraged?

15. Explain how this project maximizes social benefits (500 words or less).

Please speak to as many of the following questions as you can, and offer any additional information you feel is relevant.

- How was / is the community engaged?
- How has the community been transformed or what change has been made to address a social challenge (i.e. health, safety, welfare)?
- What partnerships and collaborations were fostered, how, and to what end?
- What educational components were incorporated?

16. Explain how this project maximizes economic benefits (500 words or less).

Please speak to as many of the following questions as you can, and offer any additional information you feel is relevant.

- What other funding was leveraged for the completion of this project (i.e. grants, in-kind donations, etc.)?
- What local firms were engaged during the life of the project (i.e. design, build, maintenance, material supply, etc.)?
- What is the anticipated return on investment for the client, especially as it relates to the overall cost of the project?

17. Discuss the degree to which the project is meeting or exceeding the intent. (500 words or less).

Please speak to as many of the following questions as you can, and offer any additional information you feel is relevant.

- What were the client's motivations/goals, and how has the project addressed them (i.e. stormwater management, design (use and aesthetics), triple bottom line, other project goals)?
- How close does the as-built match with the design?
- What is the maintenance plan? What, if any, adaptations have been made to the project and/or the maintenance plan since construction?
- What, if any, performance data or other performance indicators exist for the project?

\*In addition to the completed nomination form, all applicants must submit a presentation poster with nomination form

- .pdf format
- 300 dpi color
- 24" x 36" portrait or landscape format
- maximum 10MB file size

\*Additionally, we welcome you to upload additional images of the project/innovation

- .pdf format
- no more than 5 pages
- maximum 10MB file size

\*Section C/Question #12

- a, b., and d. outlined on map and in .pdf format

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## Section D. Innovation in GSI

### 1. Innovation Team:

	Specialization/Role	Company Name	Contact Name	Contact Email	HQ/local office locations
Primary Organization					
Partner 1					
Partner 2					
Partner 3, etc.					

2. Type of innovation:
- design process
  - materials
  - management
  - financing
  - hardware
  - data collection
  - planning process
  - construction methodology
  - maintenance
  - policy
  - other
  - data analytics
  - research methodology
  - engagement process/methodology
  - horticulture
  - partnerships
  - software

3. Is this innovation evolutionary (incremental advances) or revolutionary (disruptive or new)? Explain
4. Describe the development of this innovation—tell the story (750 words or less).
5. Describe how the innovation advances GSI impact and what unmet need it answers (500 words or less)
6. If your innovation were adopted, what does success look like? (500 words or less)
7. Explain how this innovation maximizes environmental, social, and economic (TBL) benefits. (750 words or less)
8. Include testimonials (if applicable) or other information you'd like to share.

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## Glossary

### Section C

*Catchment Area:* the area from which rainfall is flows and/or is directed onto the project site