



# *CONSIDERATIONS WHEN PROCURING GREEN INFRASTRUCTURE DESIGN AND IMPLEMENTATION SERVICES*

**National Human Resource Development Institute**

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TRANSFORM

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# DELTA INSTITUTE

**WHAT WE DO:** Collaborate with communities to solve complex environmental challenges

**HOW WE DO IT:**

- Develop innovative programs and market-driven solutions
- Build sustainable markets
- Convene diverse stakeholders
- Inform better policy



@DeltaGreatLakes

Learn more at [delta-institute.org](http://delta-institute.org)





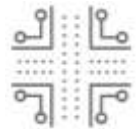
# DELTA & GREEN INFRASTRUCTURE



Supporting Conversations Around GI



Providing Decision Support Tools



Creating frameworks for prioritization, design, and installation



Identify financial models and resources for GI

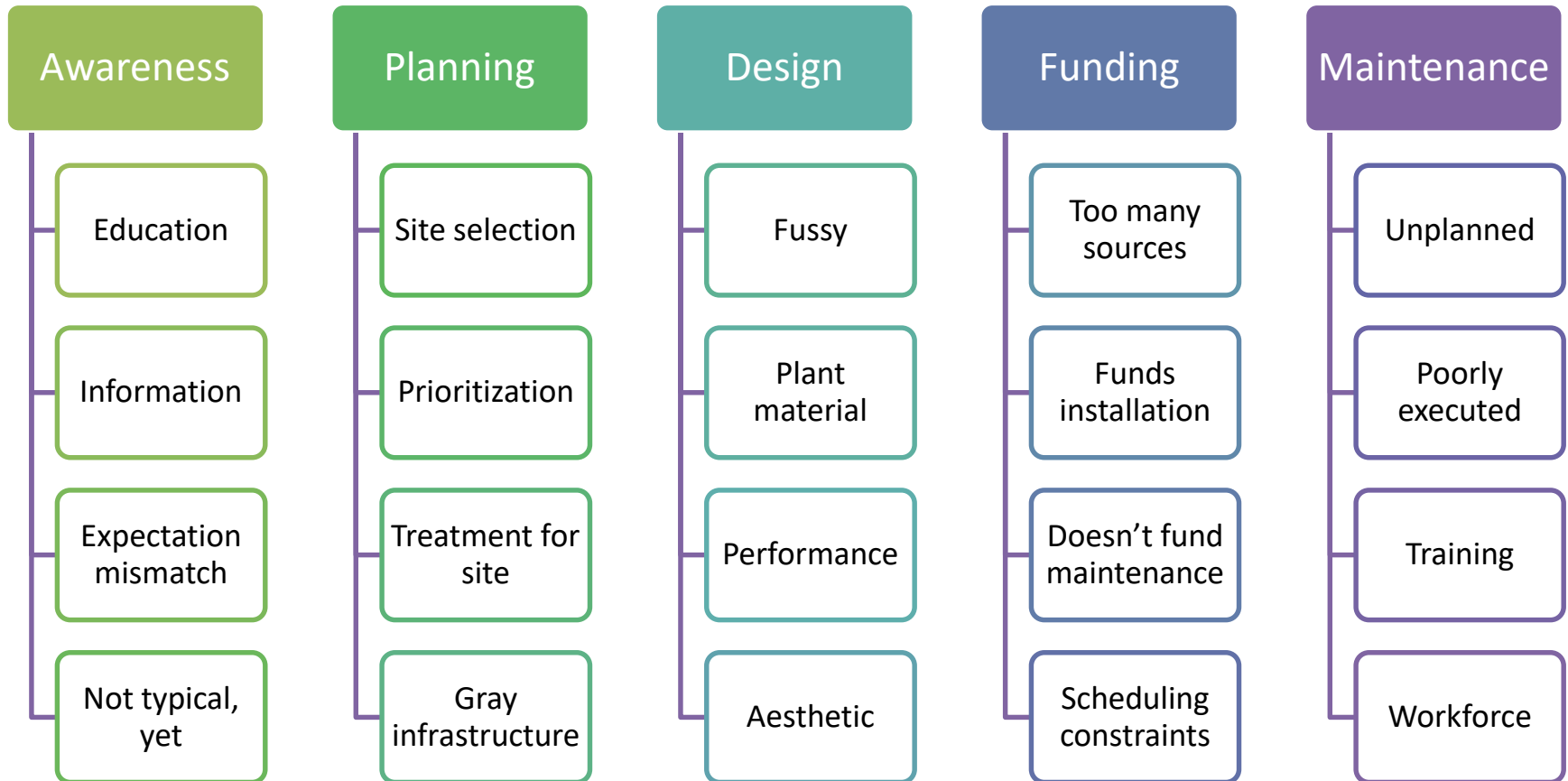


Planning for Implementation and Project Management



Research and Innovation

# BARRIERS TO G.I.



# MAINTAINING YOUR PRIORITIES



## Keys to Success

- Set your goals before procurement
- Identifying the balance between stormwater benefits and co-benefits
- Model the benefits before design, during design, and during implementation
- Integrate community into the project now, not later



# PREPARING FOR MAINTENANCE



## Keys to Success

- Maintenance planning DOES NOT come secondary.
- Maintenance plans should always be a part of your design services
- Think about how maintenance plans will be communicated to those actually doing the work.
- Visual barriers work well

# ENSURING PROPER EXECUTION

## Keys to Success

- Know your timeline
- Tightly scope both the design and engineering specifications.
- Designs do not always translate into construction.
- Prepare for oversight during staging, execution, and upon completion.
- Do site tours
- Retaining a portion of the contract until completion



# REGULATORY CONSIDERATIONS



## Keys to Success

- Consider engaging a professional before seeking design services as needed
- Work with your design and implementation firms.
- Engage USACE as needed when you have a clear understanding of your project design.
- Watch out for wetlands and regulated waterways.



# PICKING THE RIGHT MATERIALS

## Keys to Success

- Start simple
- Identify a few key plant species that you can maintain and replace
- Know your soils
- Require warranties



# *Take Aways*

1. Set your priorities and communicate them
2. Start preparing for maintenance now
3. Don't expect to be the regulatory expert
4. Project management and planning matters
5. Keep it simple

*THANK YOU*

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Visit [delta-institute.org](https://delta-institute.org) to learn more about Delta's work.