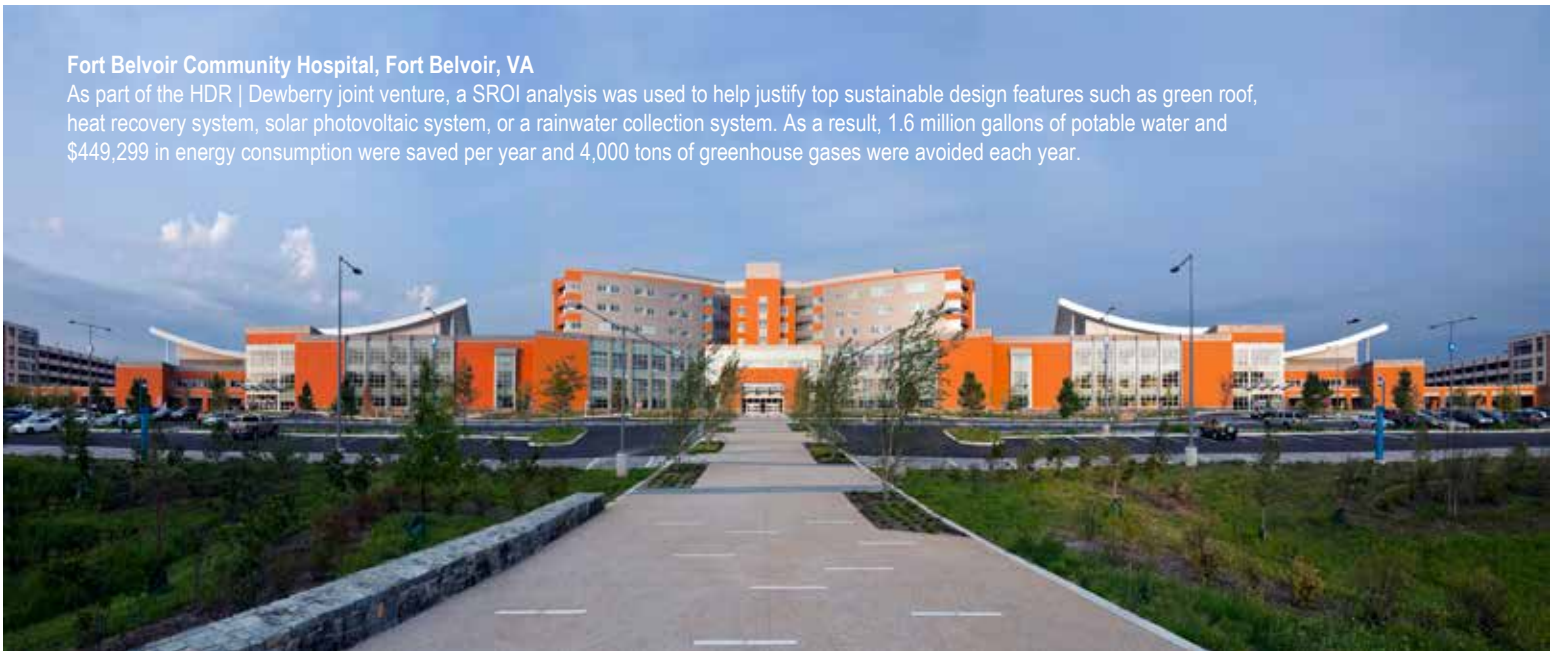


Sustainable Return on Investment



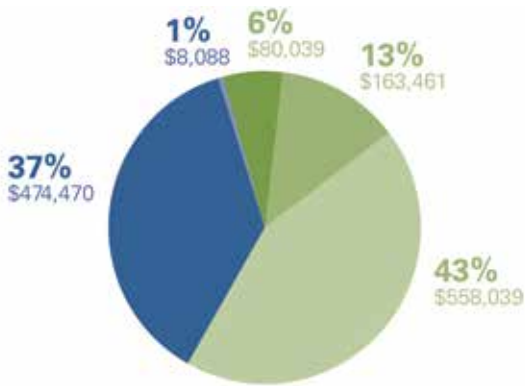
Fort Belvoir Community Hospital, Fort Belvoir, VA

As part of the HDR | Dewberry joint venture, a SROI analysis was used to help justify top sustainable design features such as green roof, heat recovery system, solar photovoltaic system, or a rainwater collection system. As a result, 1.6 million gallons of potable water and \$449,299 in energy consumption were saved per year and 4,000 tons of greenhouse gases were avoided each year.



Easy to Understand Outputs

SROI Annual Value of Benefits Chart



Cash Impacts Design vs. Baseline

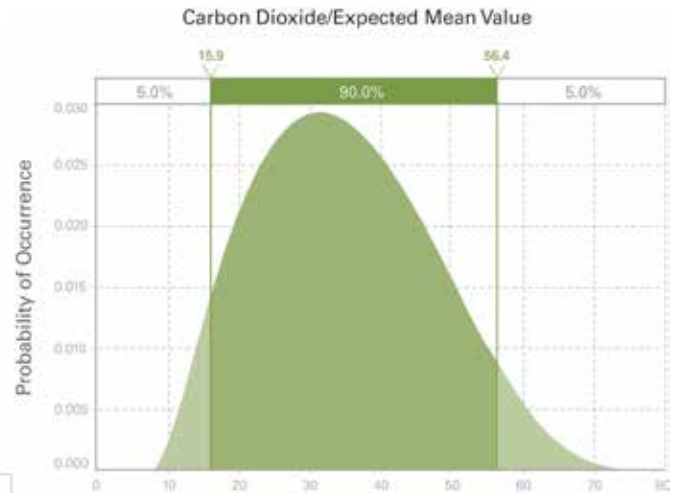
- Energy Reduction
- Savings from Reduced Water Use: Economic Value

Non-Cash Impacts Design vs. Baseline

- Water Reduction
- Greenhouse Gases Savings
- Air Pollutant Savings

Transparency in Input Evaluation

Probability Distribution for the Value of a Ton of CO₂



Graph data referenced from: *Sustainable Return on Investment and Life-Cycle Cost Analysis of: The Energy and Water Conservation Measures for the Proposed FBCH, HDR | Dewberry Joint Venture*

Advantages to SROI:

- Proven cost-benefit analysis-based approach
- Generates consensus among all stakeholders by being both interactive and transparent
- Doesn't "green-wash" a project, technology, or strategy
- Helps projects justify and secure funding
- Accounts for uncertainty and calculates risk

SROI-Improved Project Outcomes

Sustainable return on investment (SROI) analysis is a quantitative methodology to calculate the full impact of economic, social, and environmental factors of various green investment decisions. Project outcomes such as fewer employee sick days, reduced carbon dioxide emissions, or improved resiliency are key to the decision making process. These impacts often go beyond the project's boundaries, affecting external stakeholders and the environment alike.



We identify the most likely economic, environmental, and social opportunities and vulnerabilities for our clients; and how to reduce risk and optimize their return on investment.



Emerging Trends—Capturing the Full Triple Bottom Line Benefits

After polling more than 60 of our clients in the infrastructure sector, we found they wanted:

- Quantifiable and verified annual energy and water reductions
- Assistance in managing and prioritizing unfunded mandates, including regulatory and self imposed
- Informed consultants who can optimize the best cost vs. saving solution
- Capability to perform master plans and studies to identify opportunities for cost savings, including life cycle costs to prepare for the next 10 years



Committed Professionals
Thought Leaders
Client Advocates

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Dewberry is a leading, market-facing firm with a proven history of providing professional services to a wide variety of public- and private-sector clients. We offer highly specialized subject matter expertise backed by the deep resources and stability of a national firm.



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