

Green Initiative Value Engineering (GIVE) **Workshop**

For Site, Neighborhood AND BUILDING Plans

The Design Opportunity!

The most effective point of introducing "green design" into a building project process is AFTER a project has been defined (with a site, a program of requirements, a budget and VERY EARLY design sketches) and BEFORE the design is finalized (in other words, the design is still open to radical rethinking of options to improve environmental quality and to reduce costs).



This opportunity forms the basis of the proposed GIVE WORKSHOP. It brings a group of environmental experts and consultants together with a group of project teams representing site plans and buildings that represent real projects that are advanced up to the point of early schematic design. In the workshop, the experts work collaboratively alongside the project teams to find the best solutions to real issues and opportunities. The advice is "just in time" in the sense that the recommendations can be implemented immediately into designs that are "on the boards," and on track to be built in the immediate future.

The advice can be--in the words of one workshop participant--"transformational" because it can result in very significant cost reductions, while maintaining and exceeding project quality goals.

Goals of a GIVE WORKSHOP

- Design recommendations to improve energy/environmental quality
- Reduce costs of green design
- Preliminary evaluation of energy and environmental impacts of project
- (option) Initial LEED checklist ratings
- (option) Initial energy modeling (this assumes some very careful preparation and work during the day, but is possible)
- Training in workshop process, design team collaboration, public presentation

Green Initiative Value Engineering (GIVE) Workshop

Who Should Attend:

- Brownfield Grant Recipients
- Municipalities
- Non-Profits
- Developers, Businesses and Other Entities

...and their project development teams.



Workshop Duration Options

In a typical GIVE Workshop, three to four projects can be presented, reviewed and worked on in a four-to five hour period. If an entire day is available, then from four to six projects can be presented. There should be one expert for each group (the experts work in "round-robin" fashion, consulting for short periods with each project design team).

The workshop project works best when:

- ✓ The projects are real, with site, program, and budgets already committed.
- ✓ The designs are at an early phase, not too developed or advanced to permit easy rework and reconfiguration of plan, site, facades, and systems.
- ✓ Each project team is represented by owner, user group, architect and all significant engineering specialties, including construction management.
- ✓ The expert consulting group represents architecture, lighting, MEP engineering, landscaping, energy experts, and (if/as appropriate), consultants familiar with LEED, ASHRAE, EnergyStar and similar energy/environment rating systems.

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