

**Plenary Session: The Challenge of Residential Design and Rating Systems:
A Case Study of the Gaddy House**

by Lauren Wheeler

1. LEED- energy efficiency weighted
2. SITES- healthy functional landscape (only 7% of LEED)
3. Living Building Challenge- standard for regenerative design (net positive for water, waste, energy), materials are highly regulated, universal access, and they reward top notch aesthetic design.

Overall none of the programs are really suited to the residential scale at this point in time.

2 example projects: Desert Rain and Gaddy

Lessons learned: expensive which means the average homeowner cannot participate in programs, hurdles in sourcing things, and rubric for scoring

Key Take Aways

1. Integration is Key!
2. Being involved in any project from start to finish, will yield the most success. “If you are not at the table from the beginning, you have missed the boat!”
3. A better integrated process is needed between soils, vegetation, water and native plants.
4. Become a certified professional
5. Engage with local green building or green organizations