Texas A&M **Solar Decathlon** solar.tamu.edu | (979) 458.0478

Texas A&M Solar Decathlon Team

PLEDGE INFORMATION							
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\$	"College of Architecture Solar Decathlon"			College Station, TX 77840-2811			



groHome - 2007 Aggie Solar Decathlon

groHome is a small home with big ideas. Going far beyond competition requirements of a completely solar powered single bedroom residence, we explored an open building systems approach that strives to create an architecture that is participatory, sustainable, DIY and groable.

This approach is characterized by a library or catalogue of components that are all premanufactured, brought to site and assembled quickly, easily and efficiently. Elimination of on-site fabrication limits the environmental impact to the site, affords greater accuracy in construction and allows buildings to be deployed faster. The aesthetic of the building is derived from our aim to embrace the modular and componentized nature of the building system. Solar technology is used throughout in ways intended to celebrate the technology.

Solar Decathlon Competition Categories

- 1) Architecture
- 2) Engineering
- 3) Market Viability
- 4) Communications
- 5) Comfort Zone
- 6) Appliances
- 7) Hot Water
- 8) Lighting
- 9) Energy Balance
- 10) Getting Around

The Competition:

- Carnegie Mellon University
- Cornell University
- Georgia Institute of Technology
- Kansas State University
- Lawrence Technological University
- Massachusetts Institute of Technology
- New York Institute of Technology
- Pennsylvania State University
- Santa Clara University
- Team Montreal École de Technologie Supérieure, Université de Montréal, McGill University (Canada)
- Technische Universität Darmstadt (Germany)
- Universidad Politécnia de Madrid (Spain)
- Universidad de Puerto Rico (Puerto Rico)
- University of Cincinnati
- University of Colorado at Boulder
- University of Illinois at Urbana-Champaign
- University of Maryland
- University of Missouri-Rolla
- University of Texas at Austin (BTHOtu!)

http://archone.tamu.edu/solardecathlon/