



Clayton Homes introduces its new i-house at the annual management meeting conducted in the Knoxville, TN Convention Center in October. Certainly one of the hits of the meeting, the i-house was a collection of some of the most modern approaches to 'going green' by any firm in the housing industry.

## New, Imaginative Clayton i-house Sets the Standard for 'Sustainable Green'

KNOXVILLE, TN—During the annual management conference of Clayton Homes conducted here at the Knoxville Convention Center the firm unveiled its imaginative i-house, an obvious yardstick for 'sustainable green' in home construction. The unique shape of the home, approximately 18' wide by about 70' long incorporates about every approach possible to conserve precious energy, water and use of building materials that don't leave a fat carbon footprint on our nation.

What's more, the unique shape of the house is ideal for construction

by either HUD-Code or modular factories. One of the most unusual attributes is a patio built on top of a bonus room accessible by an outside staircase. The patio deck, covered by a fabric roof, comes complete with chairs, table and a BBQ set. When asked why the house is named i-house, Kevin Clayton, president and CEO commented, "Well, it's also intelligent, inspired, intuitive, innovative and integrated. How many more i's would we need?"

One of the distinctive features of the unit is the flat v-shaped roof which slopes from both ends of the unit to the center and provides slopes for catching and retaining rain water to help conserve this quickly disappearing commodity. Also, the roof is equipped with solar photovoltaic panels.

Kevin Clayton pointed out, "Without the solar panels the cost of heating the unit would run something like \$68 a month, but with the solar panels the cost comes down greatly to just \$28 a month."

In describing 'Clayton Green,' the company states:

"Environmental responsibility isn't about giving things up; it's about making smarter choices, understanding those choices and feeling good about those choices. In an effort to help save energy, reduce water pollution and reduce landfill uses, the promotional paper itself for the i-house brochure is 100% post-consumer recycled, FFC Certified Fibers."

Also, lending great energy savings as well as noise suppression the home is made with heavily insulated walls.

Additionally, the flooring in the unit is bamboo, considered to be the 'most green' of all hardwood flooring products since it is really a member of the grass family and not trees. Additionally, the bamboo is said to reproduce itself in about 18 months, a far cry from forty to one hundred years for other hardwoods.

The unit is considered loaded with green features including the following: The interior has Energy Star appliances, bamboo floors, low emission paint, compact fluorescent lighting and water saving fixtures including a tankless water heater, dual-flush toilet and low-flow faucets.

As for the exterior items, it includes solar panels, energy-efficient windows with low e-glazing that has a superior u-value, sustainable low-maintenance siding and roofing which is cement board and metal siding as well as an investment-grade metal roof, plus the rainwater catching system and composite decking throughout made from recycled materials.

No less than 19 nationally known brand name products participated in the creation of the Clayton i-house, certainly one of the hits of the show put on by Clayton as part of their management conference.

The company also showed off 30 additional homes including both HUD-Code and modular units which were viewed by the public following Clayton's management business meetings.