

**News Release page 1**

**International Bamboo Building Design Competition**

Bamboo Technologies • 120 Hana Hwy #9, Suite 133, Paia HI 96779 USA • (808) 572-1007 • Contact: Robert Henrikson  
www.bamboocompetition.com.com • email: info@bamboocompetition.com

**2007 International Bamboo Building Design Competition  
4 Award Winners Announced**

**An Architecture Design Competition for Structural Bamboo Buildings  
*"Visionary Designs for Ecological Living"***

PAIA HAWAII – May 1, 2007. The International Bamboo Building Design Competition has announced the 4 top award winners. The 12 building category winners and the 50 finalists finalists from 25 countries and their entries are shown online at [www.bamboocompetition.com](http://www.bamboocompetition.com).

This competition was created to develop new award winning designs for bamboo buildings, raise awareness of the use of certified structural bamboo for building code approved structures, and introduce architects, designers and builders to working with bamboo as a structural material.

Contestants registered from 64 countries and submitted 250 designs in 12 building categories such as family housing, urban buildings, emergency shelters, commercial and public buildings and even treehouses. An international panel of 16 jurors selected the top 50 finalists. Each of the 12 building categories was judged separately by at least 5 jurors, and 3 to 5 finalists came from each category.

Criteria for judging were Utility (functionality), Strength (structural integrity), Beauty (aesthetic appeal), Concept and Design Development, Graphic Layout and Use and Expression of Bamboo.

In the final round of judging, from the 50 Finalists jury chose the overall 1st, 2nd and 3rd prizes: Cash prizes are \$5000 for 1st, \$3000 for 2nd and \$2000 for 3rd. In addition, all contestants voted on the Appreciation Prize, a \$2,000 cash award.

Winning designs have the opportunity to be commercially built by Bamboo Technologies, with royalties paid to the designer. Other awards are inclusion in a planned book on bamboo buildings, international media articles, and gallery exhibitions and free stay in a bamboo house on Maui.

Competition sponsors include Bamboo Technologies, INBAR (International Network of Bamboo and Rattan) and the International Bamboo Foundation. A new book based on designs of the Bamboo Competition will be published next year, featuring many building designs.

Bamboo is the next green building evolution, and it's heading your way. This giant grass is a renewable, restorative and versatile building material. Structural bamboo has been certified for international building codes – the first time bamboo has ever been code certified.

Now this certified structural bamboo material is available for use by architects and engineers throughout the world. The competition encourages architects to apply their creativity to design new buildings with this ancient building material.

50 Finalists came from these 25 countries: Austria, Brazil, Canada, China, Costa Rica, Denmark, Ecuador, France, Germany, India, Indonesia, Italy, Malaysia, Mexico, Netherlands, Peru, Portugal, Slovakia, South Korea, Spain, Thailand, Trinidad & Tobago, United Kingdom, United States, Vietnam.

\*\*\*MORE\*\*\*

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**12 Bamboo Competition Finalists from 12 Building Categories**



**Bamboo Competition Sponsor and Building Code Certified Bamboo Homes**

Bamboo Technologies of Maui has built 100 bamboo homes and buildings in Hawaii, Pacific and Caribbean. Twenty house models have been designed and engineered in Hawaii and manufactured in Vietnam. Bamboo has superior ability to create biomass and replenish the earth's oxygen supply, while creating high quality, beautiful structural material. Vietnam was chosen for the first factory because of its history of managing sustainable bamboo forests and fine craftsmanship.

Homebuyers can choose from a range of homes, studios, guesthouses, pavilions and gazebos. Bamboo home designs use many interchangeable parts and can readily be adapted, expanded, connected, disassembled or moved. Custom design is available for any size project. Homebuyers view an online gallery of home models and can select sizes, floor plans, options, costs, details and finishes, then preview steps and procedures to purchase a bamboo home at [www.bambooliving.com](http://www.bambooliving.com).

In November 2004, Bamboo Technologies received confirmation from ICC Evaluation Service that its structural bamboo poles used in Bamboo Living Homes comply with the provisions of International Building Codes. This is the first time a species of bamboo has been approved as a structural building material in the International Building Code System.

**Educational and Media Materials**

Bamboo Living Homes DVD: Broadcast quality videos showing Bamboo Homes and slide shows.

Bamboo Living Printed Catalog: 72 page catalog showing bamboo home models, prices, making homes in Vietnam.

<http://www.BambooLiving.com>: Story of Bamboo Homes with Quicktime movies and PDF downloads. <http://www.BambooTechnologies.com>

BambooTechnologies.com: House models, prices, floor plans and photos with PDF downloads.

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**4 Award Winners • International Bamboo Building Design Competition**

**FIRST PRIZE: \$5,000**

**1158 Handmade School in Bangladesh.  
by Anna Heringer & Eike Roswag: Germany.**

This school was hand built in Bangladesh with the community support of craftsmen, pupils and teachers guided by a European architects and students. The aim was to improve building techniques, while maintaining sustainability, strengthening regional identity.

**SECOND PRIZE: \$3,000**

**1358 Wind and Water Cafe.  
by Vo Trong Nghia & Nguyen Hoa Hiep: Vietnam.**

This Café is located in Binh Duong, Vietnam and is built to receive as much cooling as possible from the area's prevailing winds. Bamboo is used structurally and decoratively throughout, with wood from the water coconut used as roofing.

**THIRD PRIZE: \$2,000**

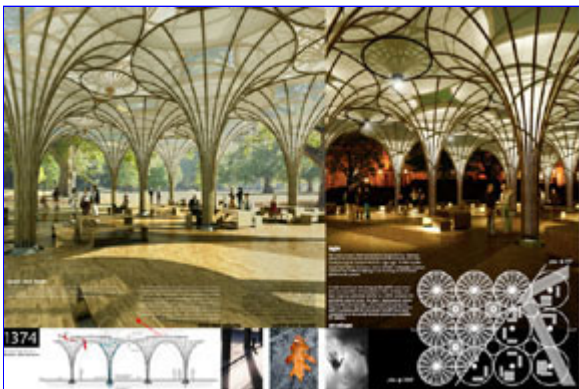
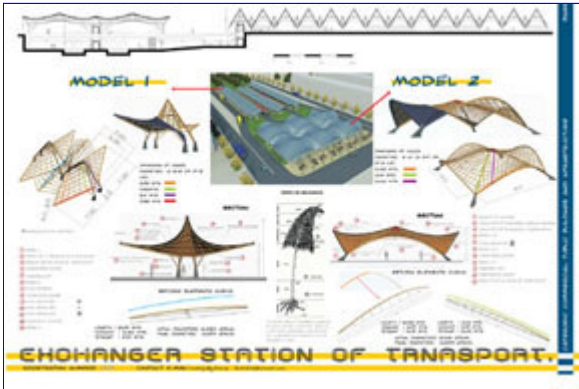
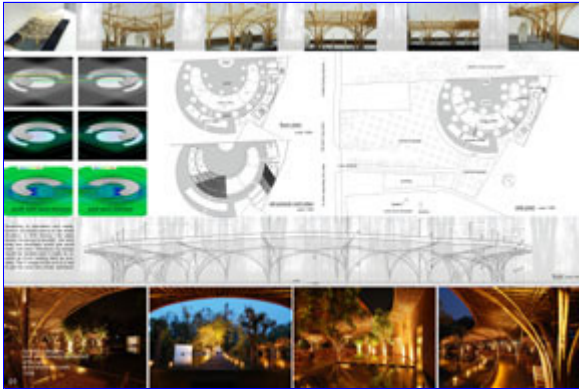
**1232 Transport Station.  
by Luis Alejandro Valencia Ojeda: Spain.**

This bus exchange station is suggested for the tropical climates of Bogota, Colombia. The beautiful curves of the bamboo ceiling provide shade and comfort for waiting passengers. Ball and socket joints are used for connecting the bamboo poles.

**APPRECIATION PRIZE: \$2,000**

**1374 Pavilion.  
by Marek Kepl & Toma Korec: Slovak Republic.**

Using the parabolic curve and bamboo's natural flexibility to create a lightweight structure and a pleasant, light filled environment for people to gather. Rainwater runs down the outside surface of the membrane on the conic cylinders and into retaining canals in the foundation.



## 12 Building Category Winners • International Bamboo Building Design Competition



**1268** Caretaker's House by SPG Architects: USA.

### 01: Family Houses

This small home was built as a caretaker's house in the jungles of Costa Rica. The lower floor, built of concrete and stucco, grounds the house and protects from the moisture of the rainforest floor, but it is the open and airy bamboo upper floor that gives the house its natural Central American feeling.



**1367** Family Residence by Gabriel Gallaher & Andrew Van Leeuwen: USA.

### 02: Custom Houses

This 3000 sq. ft. custom home is designed for the Midwest heartlands, with a view of rolling hills and changing seasonal color. Bamboo is used in an array of applications, ranging from curvilinear ceiling structures to undulating screens.



**1454** Urban Nature by C. Lensing, J. Hildebrandt & A. Burdzenidze: Germany.

### 03: Affordable Housing

This structure is a simple, easy to erect living space meant for tropical and subtropical climates. The sheltered area is raised to protect from floodwater, animals, and moisture from the ground. Bamboo is used for the structural poles.



**1295** Bamboo Strawbale by S. Koerner & T. Schaeberle: Germany.

### 04: Hybrid Houses and Buildings

The first permanent structure in Germany with a bamboo structure and strawbale walls. Bamboo provides load-bearing and structure, while strawbale covered in clay, provides thermal insulation. The green roof provides a place for plants and small animals.



**1513** Cocoon Housing by Joerg Hanson: China.

### 05: Tree Houses and Pole Houses

These Cocoon Houses are designed as lodges for an environmental center on Bali. They are vibrantly organic in form and make extensive use of bamboo throughout their structure. Like growing forest forms, the curviness of the cocoons makes them almost blend into the forest they are built in.



**1143** Asian Water Villa by I Made Gde Dharmendra: Indonesia.

### 06: Resort Houses

This structure is proposed for the Over Water Villa in Malaysia. The design uses organic curves to keep things easy on the eyes and easy on the mind. Bamboo is the primary material, structurally and decoratively, and Balinese style grass is used for the roofing.



**1453** Diogenes by Stefan Schuler, Ozgur Sarica & Andre Wilhelm: Germany.

### 07: Temporary, Portable, Emergency Relief

This temporary shelter design is easy to assemble and requires nothing more than hemp twine to tie the bamboo poles together. It can be flown into disaster areas and takes up very little space when disassembled. A flexible bamboo mat serves as wall cover.



**1329** Office Building by Jaigopal Govinda Rao: India.

### 08: Urban Buildings

Built in India in 2002, this office building uses 70-80% less steel than a typical building like it and makes wide use of bamboo. There are ecologically sensitive features in this building, such as a rainwater catchment pond, and an anaerobic natural wastewater treatment system.



**1158** Handmade School in Bangladesh by A. Heringer & E. Roswag: Germany.

### 09: Commercial, Public Buildings, Infrastructure

This school was hand built in Bangladesh with the community support of craftsmen, pupils and teachers guided by a European architects and students. The aim was to improve building techniques, while maintaining sustainability, strengthening regional identity.



**1358** Wind&Water Cafe by Vo Trong Nghia & Nguyen Hoa Hiep: Vietnam.

### 10: Pavilions, Conference Centers, Roof Structures

This Café is located in Binh Duong, Vietnam and is built to receive as much cooling as possible from the area's prevailing winds. Bamboo is used structurally and decoratively throughout, with wood from the water coconut used as roofing.



**1364** Flexible Design by Rafael Penteado Paolini: Brazil.

### 11: Park and Garden Structures

Based on the idea of two bamboo culms curving towards each other, this space is created out of bamboo poles attached to concrete foundations with steel connectors. This design allows for the creation of different sized spaces, which can drastically change the usage of the space.



**1216** Starry Bamboo Mandala by Gerard Minikawa: USA.

### 12: Structural Art Installation

Part Sacred Space, Part Jungle Gym, Part Aerial Rig. Built with *guadua angustifolia*, this giant mandala was 11 meters tall. Built for the Burning Man Festival, 40,000 participants in Black Rock Desert, Gerlach Nevada USA, Aug. 29-Sep. 5, 2006. The installation was taken down after the event.