WORLD BAMBOO CONGRESS
DAMYANG, KOREA
In 1995, Architect David Sands and Jeffree Trudeau founded Bamboo Living to protect and restore the Earth’s forests by adapting bamboo for Western building practices.

- bamboo grows incredibly fast
- bamboo is a grass species that when harvested sustainably, the same plant renews itself for many decades
- bamboo is flexible and resilient
- bamboo has performed well in hurricanes and earthquakes
We were initially motivated by the efficiency in land and forest resources

- For wood frame BC44: 0.0138 acres/sqft x 1000 sqft = 13.77 acres of a Loblolly pine forest in SE USA are needed for a 1,000 sqft BC44. at 500 board feet per acre per year. That means that those same 13.77 acres can produce enough wood for one 1,000sqft BC house every year, if the forest is sustainably harvested at a rate of 500 board feet per acre per year.

- For bamboo BC44: 0.0019 acres/sqft x 1000 sqft = 1.9 acres of bamboo are needed for a 1,000 sqft BC44. This means that those same 1.9 acres can produce enough bamboo for one 1,000sqft BC house every year, if the bamboo forest is sustainably harvested at a rate of 960 poles per acre per year.
Bamboo Living Mission/Vision

CARBON SEQUESTRATION
- Bamboo is the fastest growing woody plant
- Bamboo Construction is an effective carbon sink
- Bamboo has the ability to play a significant role in climate change mitigation

Average wet weight of culm is 25kg. 13 kg weight x 50% = 6.5kg Carbon x 3.67 = 23.85 kg CO2e which is 52.5 lbs CO2e per pole.

82 lbs CO2e in culm, leaves, branches, rhizome mat and fine roots.
Brava Casa
First building code approved bamboo home in USA
Built by Bamboo Living in 1995
In 2004 Bamboo Living became the first company in the world to gain ICC-ES certification for structural bamboo.
In 2005 Bamboo Living resort withstood storm surge and multiple 173mph hurricanes.
Borate Pressure Treatment Facility Vietnam
Third party quality assurance by SGS of Geneva Switzerland
20 years of resort and home construction
Join Us!

Anniversary Celebration
20 Years Pioneering Sustainable Construction

1995 - 2015
THANK YOU!