Why Bamboo

Bamboo is not a tree. It's a grass, and it grows like one. Many species of bamboo can grow three feet a day. When it's harvested, it need not be replanted, because it will grow a new shoot from its extensive roots system. Bamboo renews itself readily, unlike hardwood trees, which once cut, are gone forever. Bamboo is an endlessly renewable resource.
Why Bamboo

Bamboo is a viable replacement for wood. It is one of the strongest building materials, with a tensile that rivals steel and weight-to-strength ratio surpassing that of graphite.

Bamboo is a critical element in the balance of oxygen and carbon dioxide in the atmosphere. It helps reduce the carbon dioxide gases blamed for global warming.

Some bamboo even sequesters up to 200 tons of carbon dioxide from the air per hectare, which makes it an extremely efficient replenisher of fresh air.
The Global Bamboo Market is dominated by China. India, endowed with the largest natural bamboo cover, is yet to capitalize on the opportunity.

Global Market Size
~ $36 bn

India
10 mn hectares
Indian area under bamboo – largest in the world

China
5.4 mn hectares
Chinese area under bamboo – about half that of India

Exports: $1.88 bn
Imports: $1.60 bn

Top Exporters
($ mn)
Top Importers
($ mn)

Source: [1]

[1]: Global Forest Resources Assessment 2010, FAO

[2]: International Trade of Bamboo & Rattan 2012, INBAR
Bamboo Construction in INDIA
Bamboo Cottages in INDIA
Madhyanchal Bhavan, New Delhi
Madhyanchal Bhavan, New Delhi
Jindal’s Bamboo structure, Bellary
Wild Bamboo in India
Bamboo in CHINA

- Scientific Mass Cultivation
- High Yielding
- Easy to Harvest
Bamboo poles in INDIA
Bamboo poles in CHINA
• International Network for Bamboo & Rattan (INBAR)

• Inter governmental international organisation having 41 member countries, established in 1997 as multi disciplinary network related to development of bamboo & cane.

   Headquarters based in Beijing, China.
Konkan Bamboo & Cane Development Centre (KONBAC)

A not for profit organization, established in 2004. Registered under Sect. 25 of Companies Act, setup & technically supported by INBAR.
Farmers training
Konbac’s Pressure Treatment Plant
Prefabirication of Construction component
Pre-fabricated components
Cidade De Goa
Hotel Beleeza, Goa
Cottage
India's largest bamboo structure at Hyderabad
Nature Interpretation Center, Palava
VIEW FROM SPILL-OUT GARDEN
WAY TO DINING
Restaurant building at Itafushi, Maldives
BAMBOO RESEARCH & TRAINING CENTRE
CHICHPALLI, CHANDRAPUR, MAHARASHTRA,
Thank You