



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.

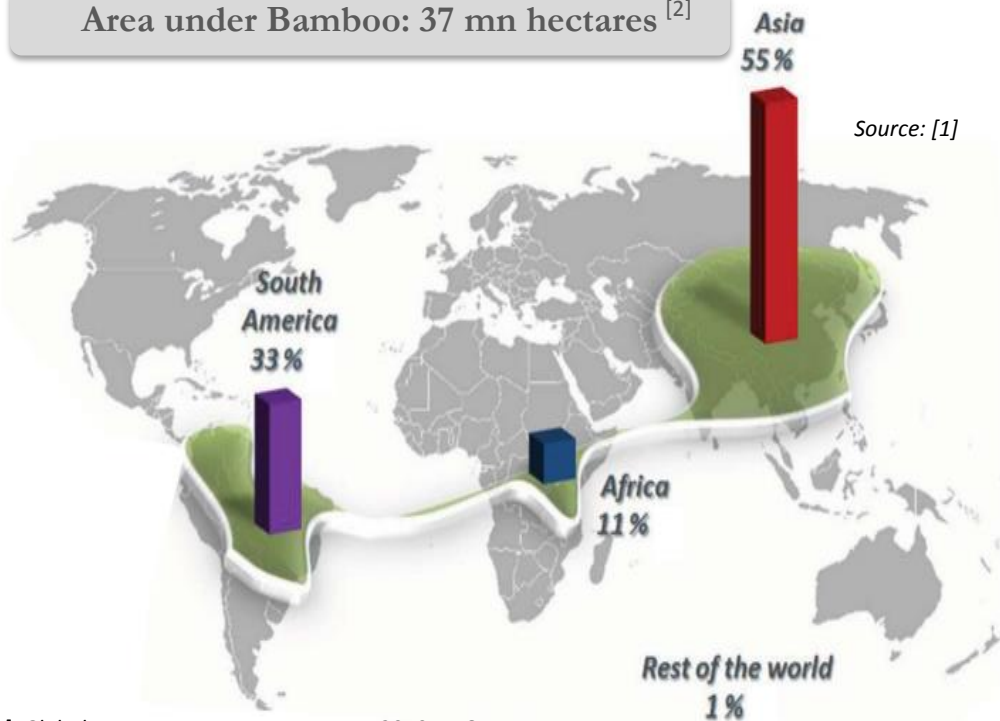
Bamboo is a critical element in the balance of oxygen and carbon dioxide in the atmosphere. it helps reduce the carbon dioxide gases blamed for global warming.

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

Area under Bamboo: 37 mn hectares ^[2]



[1]: Global Forest Resources Assessment 2010, FAO

International Trade in Bamboo ^[2]



No. 15 globally

India

Market Leader

China

Global Market Size ^[2]
~ \$36 bn

10 mn hectares

Indian area under bamboo – largest in the world

\$4.35 bn

Estimated size of Indian bamboo industry

5.4 mn hectares

Chinese area under bamboo – about half that of India

\$19.5 bn !!

size of Chinese Bamboo industry

[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



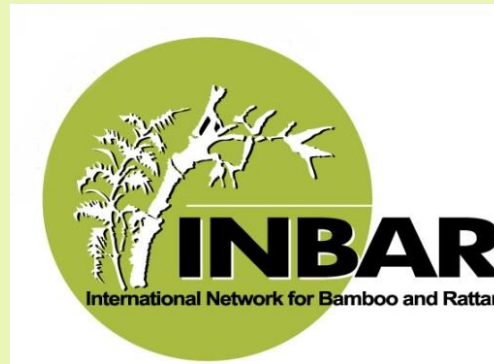
Bamboo poles in INDIA



Bamboo poles in CHINA

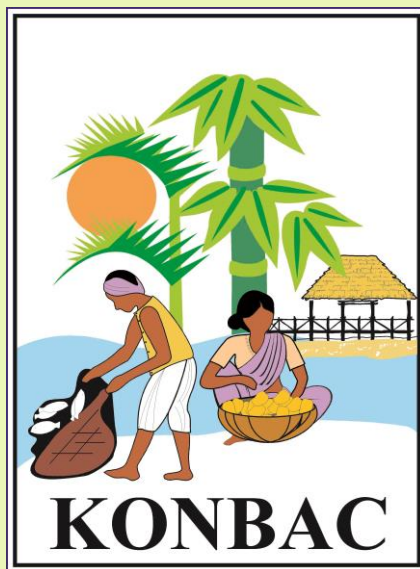


- **International Network for Bamboo & Rattan
(INBAR)**



- **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.



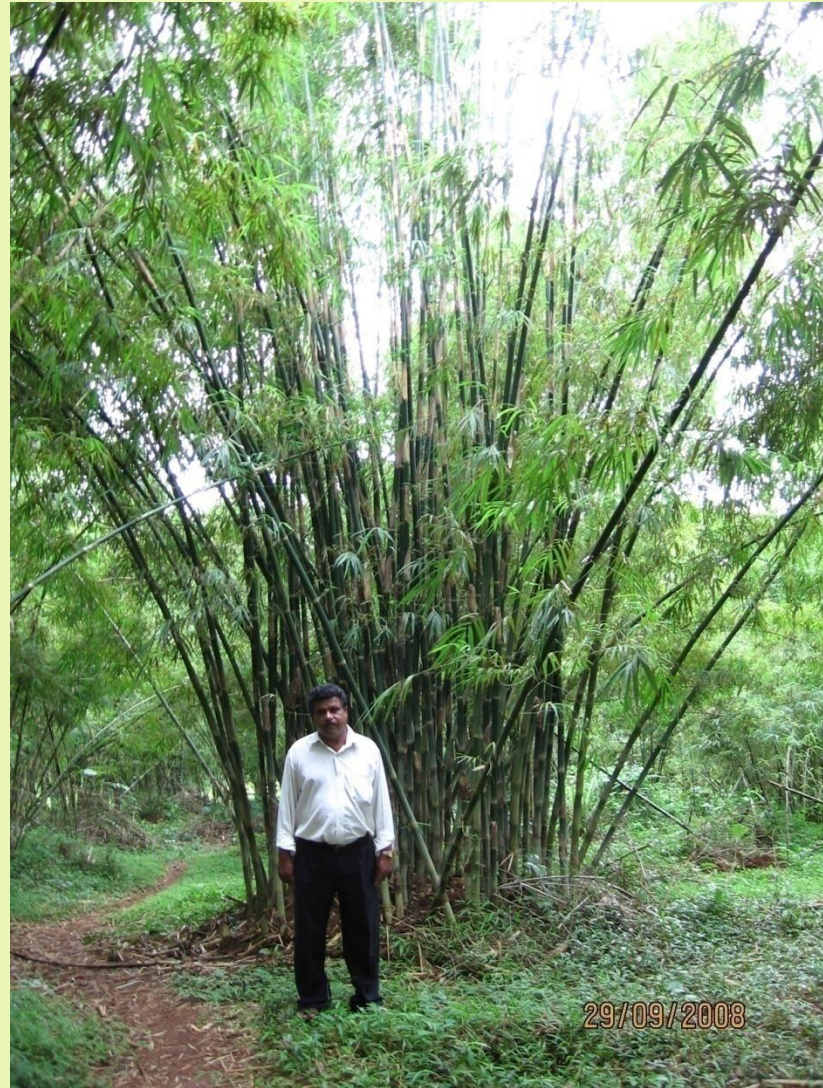
Konkan Bamboo & Cane Development Centre (KONBAC)

A not for profit organization, established in 2004. Registered under Sect. 25 of Companies Act , setup & technically supported by INBAR.

Farmers training



New Plantations



Improvement Achieved



Konbac's Pressure Treatment Plant



Prefabrication of Construction component



Pre-fabricated components





Cidade De Goa



Nature Park, Palava





Hotel Beleeza, Goa



Cottage



Cottage





India's largest bamboo structure at Hyderabad



















Nature Interpretation Center, Palava























VIEW FROM ENTRANCE POND



VIEW FROM SPILL-OUT GARDEN



MANDAP INTERIOR



WAY TO DINING



BAMBOO DINING AREA



OVERALL AERIAL VIEW







Restaurant building at Itafushi, Maldives









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BAMBOO RESEARCH & TRAINING CENTRE

CHICHPALLI, CHANDRAPUR, MAHARASHTRA,























Thank You