

BAMBOO DEVELOPMENT MISSION
AGRICULTURAL VERTICAL, NITI AAYOG

BAMBOOWOOD FOR FURNITURE & ANCILLARY UNITS

MUTHA INDUSTRIES PVT. LTD.

30TH December 2021


PITOME[®]
Products



LUCKNOW LIVE

NEWS
FLASH

7 शहरों के लिए 75 इलेक्ट्रिक बसों को झंडी दिखाकर खाना करेंगे प्रधानमंत्री

Oct 5, 2021

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ABOUT EPITOME BAMBOOWOOD

- MUMBAI BASED COMPANY
- PIONEERS IN MANUFACTURING BAMBOOWOOD IN INDIA
- HAVE PROVIDED DIRECT EMPLOYMENT TO 200 PEOPLE IN AGARTALA
- HAVE EXECUTED 500+ PROJECTS IN INDIA
- MAIN PRODUCTS: FLOORING, CEILING, PANELLING, FURNITURE, DOORS
- HAVE SUPPLIED 300,000+ SQ FT IN CENTRAL VISTA PROJECTS TILL NOW



EPITOME BAMBOOWOOD PROJECTS:



SAMRAT ASHOKA CONVENTION CENTRE PATNA

EPITOME BAMBOOWOOD PROJECTS



DIGHA BEACH – PROJECT OF WEST BENGAL GOVT. & FINANCED BY **EPITOME**[®]
WORLD BANK
Bamboowood Products

EPITOME BAMBOOWOOD PROJECTS:



GUWAHATI AIRPORT

EPITOME BAMBOOWOOD PROJECTS:



GODREJ BHAWAN, MUMBAI

EPITOME BAMBOOWOOD PROJECTS:



INDIAN INSTITUTE OF MANAGMENT

SYNERGY REQUIRED IN BAMBOO INDUSTRY

- CURRENTLY ALL BAMBOO INDUSTRY FUNCTION AS INDIVIDUAL SILOS
- INCREASES COST OF PRODUCTS AS YEILD IS LOWER
- BAMBOOWOOD PLAYS AN IMPORTANT ROLE IN SUCH A CASE
- MAXIMUM VALUE ADDITION TO BAMBOO IS DONE IN THE BAMBOOWOOD INDUSTRY
- IMPORTANT FOR ALL BAMBOO INDUSTRY TO BE INTERDEPENDENT
- ONE INDUSTRY'S WASTE SHOULD BE OTHER INDUSTRY'S RAW MATERIAL
- MIPL – AGARTALA IS A GOOD EXAMPLE

BAMBOOWOOD VS HARDWOOD

| | BAMBOOWOOD | HARDWOOD |
|-------------------------------------|--|---|
| SOURCE | CAN BE MANUFACTURED IN INDIA BY USING BAMBOO | AS CUTTING TREES IS BANNED IN INDIA, MOST OF THE HARDWOOD IS IMPORTED |
| IMPACT TO FARMERS | BAMBOOWOOD INDUSTRY WILL PROVIDE READY MARKET FOR FARMERS GROWING BAMBOO | MAJOR REQUIREMENT OF HARDWOOD IS FULFILLED BY IMPORTS |
| PRICE | RANGES BTW RS 4500 TO 5500 PER SQ MTR | RANGES FROM RS. 7000 TO 10000 PER SQ MTR |
| EFFECT ON ENVIRONMENT | ENVIRONMENTALLY FRIENDLY | ENVIRONMENTALLY HARMFUL, IF HARVESTED |
| DENSITY* | ABOVE 1100 KG/M3 | BETWEEN 600 TO 1000 KG/M3 |
| MODULUS OF RAPTURE* (MOR) | ABOVE 200 N/MM2 | BETWEEN 70 TO 120 N/MM2 |
| MODULUS OF ELASTICITY* (MOE) | ABOVE 22500 N/MM2 | BETWEEN 8000 TO 12500 N/MM2 |
| HARDNESS* | ABOVE 1250 KGF | BETWEEN 450 TO 1100 KGF |
| TERMITE & BORER TEST | TERMITE & BORER RESISTANCE | PRONE TO TERMITE & BORER ATTACKS |
| SCREW WITHDRAWAL* RESISTANCE (FLAT) | 439KG | BETWEEN 100 – 400 KG |
| SCREW WITHDRAWAL RESISTANCE* (EDGE) | 349KG | BETWEEN 80 – 300 KG |

* These values are indicative as it may vary depending on the species of hardwood.

POTENTIAL OF BAMBOOWOOD

- TOTAL WOOD USE IN INDIA APPROX. 70 MILLION CU. MTR (EXCL. WOOD FEUL)
- IF, WE CAN SHIFT 4-5% OF THE WOOD DEMAND TO BAMBOOWOOD, WE COULD:
- CREATE 40K - 50K DIRECT JOBS IN INDIA
- CREATE A DEMAND IN EXCESS OF 2 MILLION TONS OF BAMBOO PER ANNUM
- CREATE NUMEROUS ANCILLARY FURNTIURE/DOOR MAKING FACTORIES & JOBS
- ATTRACT INVESTMENTS IN EXCESS OF RS. 4000 CRORES
- BAMBOO CAN BE AN IMPORTANT CONTRBUTOR TO THE INDIAN GDP
- BE IN TUNE WITH GOVT.'S POLICY OF ***“ATMANIRBHAR BHARAT” – “MAKE IN INDIA”***

POLICY SUPPORT

- CREATE DEMAND FOR BAMBOOWOOD
- INDUSTRY IS IN NASCENT STAGE SO INITIALLY GOVT. SUPPORT IS REQUIRED
- EXAMPLE OF JUTE & SOLAR INDUSTRY
- GOVT. CAN MANDATE CERTAIN USE OF BAMBOOWOOD IN THEIR PROJECTS
- ATTRACT PRIVATE SECTOR TO USE BAMBOOWOOD
- PROMOTE BAMBOOWOOD ON GeM PORTAL
- PROTECTION FROM DUMPING OF IMPORTED MATERIAL

EPITOME BAMBOOWOOD FURNITURE



EPITOME BAMBOOWOOD FURNITURE



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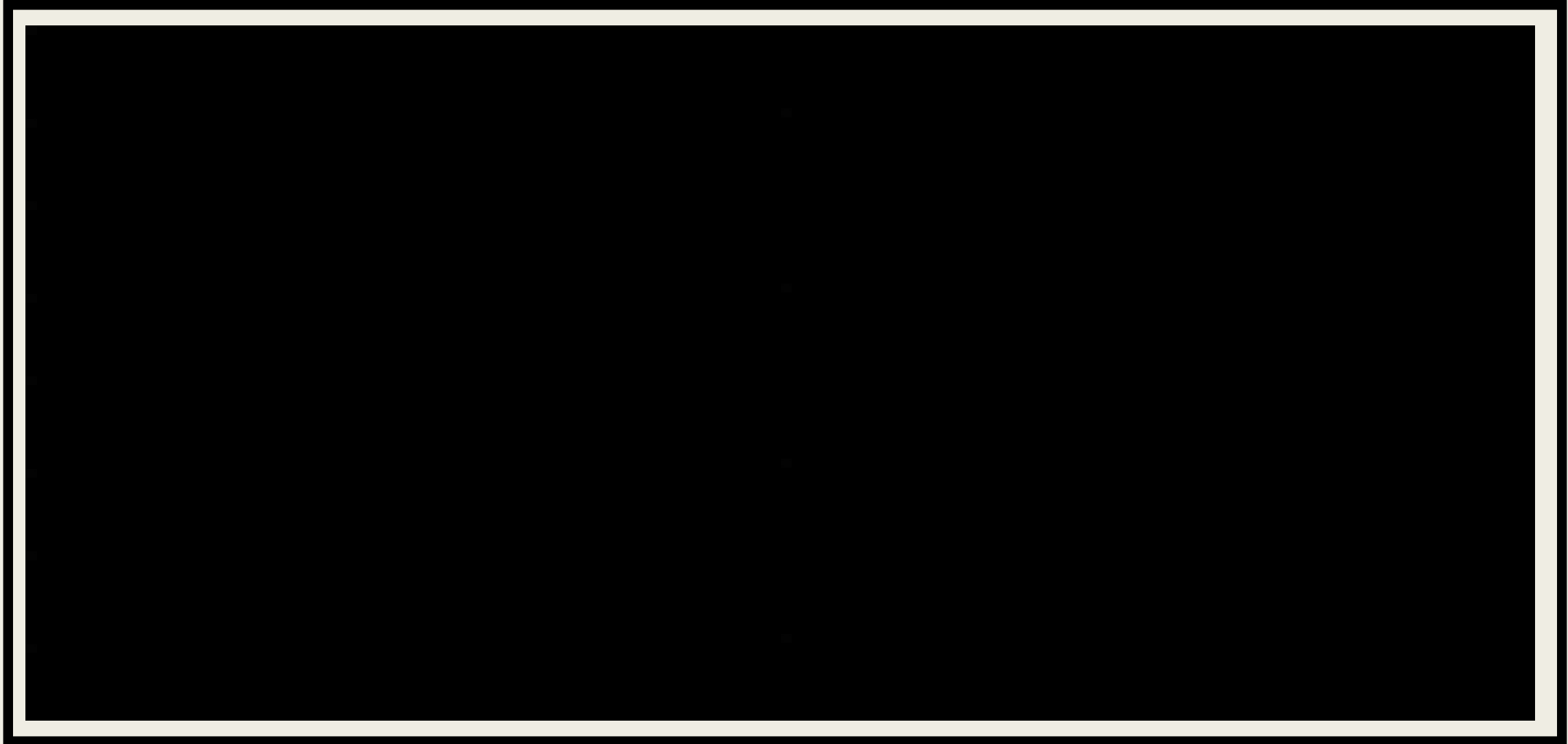
EPITOME BAMBOOWOOD FURNITURE



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THANK YOU