

**Bamboo and Bamboo Products,
Value-Added Bamboo Products.
Products Made from Bamboo.
Profitable Agriculture Based Business
Ideas.**





Introduction

Bamboo, (subfamily Bambusoideae), subfamily of tall treelike grasses of the family Poaceae, comprising more than 115 genera and 1,400 species. Bamboos are distributed in tropical and subtropical to mild temperate regions, with the heaviest concentration and largest number of species in East and Southeast Asia and on islands of the Indian and Pacific oceans.





Bamboos are typically fast-growing perennials, with some species growing as much as 30 cm (1 foot) per day. The woody ringed stems, known as culms, are typically hollow between the rings (nodes) and grow in branching clusters from a thick rhizome (underground stem). Bamboo culms can attain heights ranging from 10 to 15 cm (about 4 to 6 inches) in the smallest species to more than 40 metres (about 130 feet) in the largest. While the narrow leaves on young culms usually arise directly from the stem rings, mature culms often sprout horizontal leaf-bearing branches. Most bamboos flower and produce seeds only after 12–120 years' growth, and then only once in their lifetime; reproduction is largely vegetative. Some species spread aggressively and can form a dense undergrowth that excludes other plants.



Bamboo is a versatile non-wood forest product and also known as poor man's timber. It is a material which accompanies one from cradle to grave. Bamboo is the base for a broad range of rural and semi urban cottage industries that provide livelihood for the rural poor.

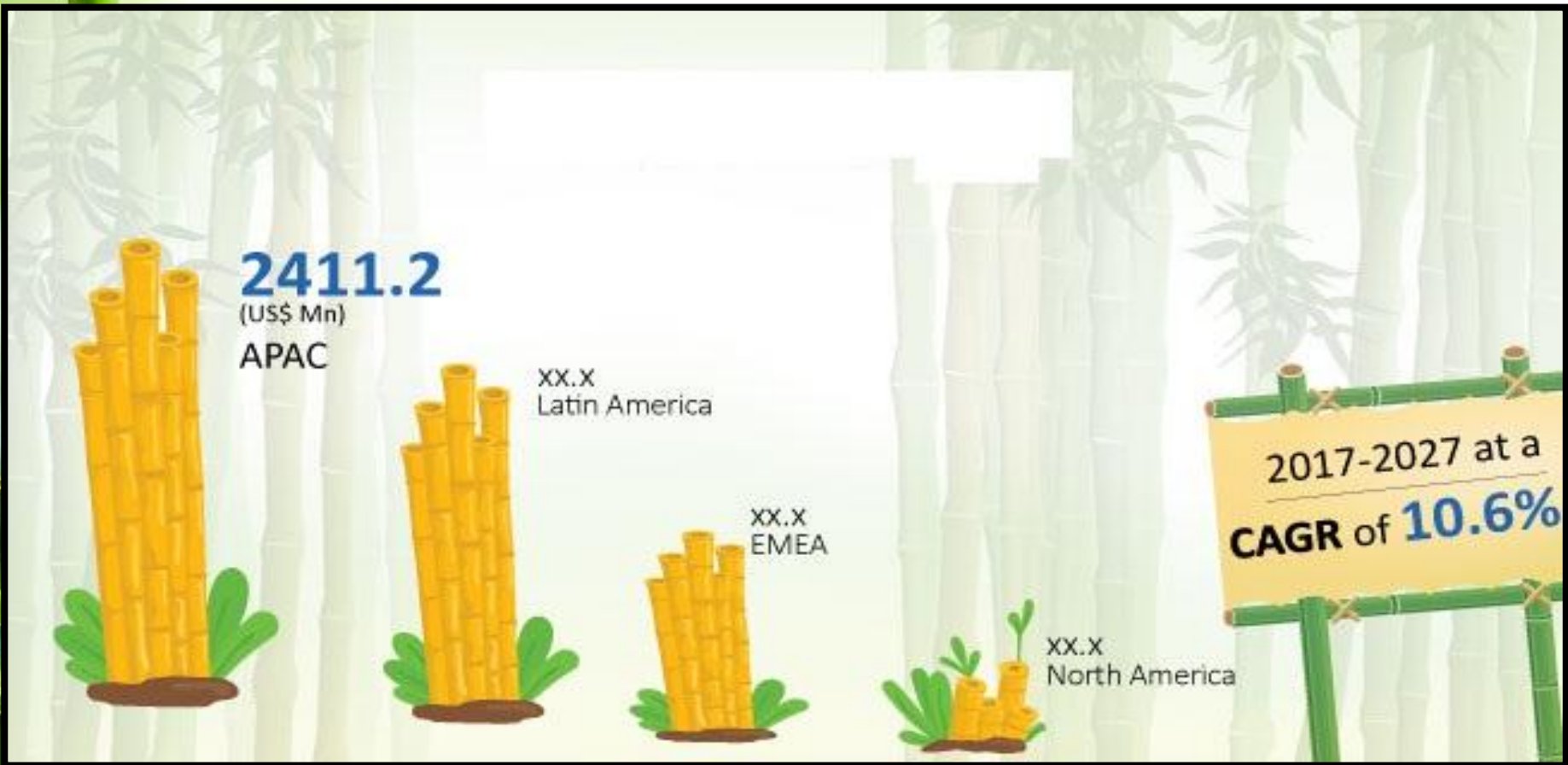
Bamboo is a versatile multi-purpose forest produce that plays a vital role in the world's domestic and industrial economies. Bamboo and bamboo-based products are used for a wide range of indoor and outdoor applications owing to their abundance and versatility. Bamboo is one of the highly renewable resources in the Indian socio-economic-cultural-ecological-climatic-functional context with more than 1,500 recorded uses.



Besides its role as a material for consumer products, it also has great potential as an industrial raw material. Various industrial applications of bamboos include food production, wood substitute, pulp and paper, handicrafts, medicinal products, cottage industries, and charcoal production. Bamboo is often considered to be a replacement of wood and industrial raw materials in both modern industrial and traditional cottage sectors.



Global Bamboo Market Size, By Region, 2017 (US\$ Mn)





Bamboo based products are produced from thin strips of bamboo. There are a wide variety of such products and they have been closely associated with the development of civilizations in bamboo growing regions of the world for many millennia. The products may be primarily intended for agricultural use, such as baskets for vegetables or animals and winnowing trays for cereals, or they may be household products such as baskets, trays, jars, case, lampshades, fans and mats.





Bamboo handicraft sector is predominant in the Indian handicrafts and there are millions of people who depend on bamboo for part or all of their income. The whole plant part of bamboos can be utilized in many ways thus becoming the highest economically potential plant of the region ((Brojendro and Sobita,). Bamboo and its products are ecofriendly in nature and it shields from hard pollution in different ways. Bamboo offers perhaps the quickest way to remove vast amounts of carbon dioxide from the atmosphere.

Bamboo products are distributed to both domestic and export markets. The domestic market is segmented for furniture and handicraft. The high-quality products are directed to high-end markets (i.e., hotels, restaurants, condominiums, and residential houses) while low- quality ones are sold to low-and-medium income consumers.



**Niir Project Consultancy Services (NPCS) can provide
Detailed Project Report on Required Project**

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Some of the Profitable Small and Medium Scale Manufacturing Business:

➤ **HANDICRAFT (CANE & BAMBOO)**

A handicraft, sometimes more precisely expressed as artisanal handicraft or handmade, is any of a wide variety of types of work where useful and decorative objects are made completely by hand or by using only simple tools. It is a traditional main sector of craft, and applies to a wide range of creative and design activities that are related to making things with one's hands and skill, including work with textiles, moldable and rigid materials, paper, plant fibers, etc. Usually the term is applied to traditional techniques of creating items (whether for personal use or as products) that are both practical and aesthetic. Collective terms for handicrafts include artisanry, handicrafting, crafting, and handicrafts man ship. The term arts and crafts is also applied, especially in the United States and mostly to hobbyists' and children's output rather than items crafted for daily use, but this distinction is not formal, and the term is easily confused with the Arts and Crafts design movement, which is in fact as practical as it is aesthetic. [Read more](#)



➤ **PLY BOARD FROM BAMBOO**

Ply Board is wooden made board or wooden like raw materials largely used for making ply board. There is large use of ply board nowadays in making wooden base furniture. Bamboo can be used for making ply board. There is large amount of bamboo available in our country. Bamboo on special processing can be converted into ply board. Matured bamboos are used for making ply board. There is very good rising demand of ply board. For meet up the demand of ply board few new entrepreneurs can start this industry. In this process solid waste may be come up which can be recycled or can be further processed for making organic fertilizer. Bamboo Board The increasing shortfall of wood is giving rise to the development of non-wood materials. The development of bamboo-board is expected to relieve the pressure on wood, as the raw material is available at a much faster rate. Bamboo is harvested in a four to five year cycle against 40 years for medium density hardwood species used for plywood. [Read more](#)



➤ **ACTIVATED CARBON FROM BAMBOO**

Activated carbon is a non-graphite form of carbon and is microcrystalline in nature. It is extensively used in various industries as a very good absorbent for odour or colour. A large variety of raw materials are available for the manufacture of activated carbon like rice husk, groundnut husk, coconut shell, saw dust, bagasse, wood and bamboo etc. The activated carbon produced in the country is catering to the need of vanaspati and solvent extraction plant, glucose and sugar industries, water treatment, chemicals, pharmaceuticals, synthetic rayons, electrochemical industries etc. [Read more](#)



➤ **BAMBOO FURNITURE**

The bamboos are a group of woody perennial evergreen (except for certain temperate species) plants in the true grass family Poaceae, subfamily Bambusoideae, tribe Bambuseae. Some are giant bamboos, the largest members of the grass family. Bamboos are the fastest growing woody plants in the world. Their growth rate (up to 60 centimeters (24 in.)/day) is due to a unique rhizome-dependent system, but is highly dependent on local soil and climate conditions. Bamboo is a versatile, strong renewable and environment friendly material, gramineae and the fastest growing woody plant on earth. This grass helps clean the environment and bamboo is widely used in landscape and garden. People use bamboo for making furniture, paper, construction material and eating utensils. The bamboo is used in the following items: Table, Chair, Stool, Long Chair, Sofa Set, Mats. [Read more](#)



➤ **BAMBOO STICKS**

Bamboo is a tribe of flowering perennial evergreen plants in the grass family Poaceae, subfamily Bambusoideae, tribe Bambuseae; although, the forestry services and departments of many countries where bamboo is utilized as a building material consider bamboo to be a forestry product, and it is specifically harvested as a tree exclusively for the wood it produces, which in many ways is a wood superior in strength and resilience to other natural, fibrous building materials. In fact it is often referred to as a tree by cultures who harvest it as wood. Giant bamboos are the largest members of the grass family. In bamboos, the internodal regions of the stem are hollow and the vascular bundles in the cross section are scattered throughout the stem instead of in a cylindrical arrangement. The dicotyledonous woody xylem is also absent. [Read more](#)



➤ **PULP AND PAPER FROM BAMBOO**

Paper is a major product of the forestry industry, and is used widely in our society. Paper products are used not only in their obvious applications in the publishing industry and for writing on, but also in a variety of specialty papers, cardboards, brown papers etc. In addition, various chemicals are produced as a byproduct of the pulp and paper industry. The use of paper for various purposes is an essential feature of the modern society. Therefore pulp and paper manufacturing is very important part of modern industry. Pulp and paper production is based on the use of bamboo as raw material, but also on the consumption of large-scale chemicals, like chlorine, sodium hydroxide, etc. [Read more](#)



Tags

Bamboo Product Manufacture, Bamboo as a Money-Making Industry, Bamboo Business in India, Bamboo Products, Bamboo Products & Plantation, Bamboo & Bamboo Products, Products made from Bamboo, Bamboo Handicraft Industry, List of Bamboo Products, Manufacturing of Bamboo Products, Bamboo Industry, Bamboo and Cane Products, Bamboo Manufacturing Process, How Bamboo Products are Made? Bamboo Products Processing, Opportunities in Bamboo Based Industries, Bamboo Product Manufacturing, Value-Added Bamboo Products, Bamboo Plantation and Products, Business Opportunities in Bamboo, Business and Investment Opportunities for Bamboo, Bamboo Industry, How to Start a Bamboo Production Business? Potential Opportunities in Bamboo Industry, Bamboo Business Opportunities in India, Bamboo Products Business Plan, Bamboo Business Ideas, Starting a Bamboo Business, Bamboo Plant Business Ideas, Bamboo Industry in India, Cane & Bamboo Based Handicrafts Production Unit, Handicraft (Cane & Bamboo) Manufacturing Plant, Income from Bamboo & Cane Handicrafts, How is Bamboo Plywood made? Plybamboo Production Process, Bamboo Plywood Production, Ply Board from Bamboo Manufacturing Plant, Bamboo Plywood Making Business, Project Report On Manufacture of Bamboo Plywood, Bamboo Plywood Manufacturing Process, Bamboo Plywood Production, Production of Activated Carbon from Industrial Bamboo Wastes, Preparation of Bamboo-Based Activated Carbon, Activated Carbon from Bamboo, Bamboo Furniture Production, Bamboo Stick Production, Bamboo Stick Making Business, Bamboo Sticks Manufacturing Plant, Bamboo Stick Manufacturing Unit,



Bamboo Product Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Bamboo Product Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Bamboo Product Manufacturing Industry in India, Bamboo Product Manufacturing Projects, New project profile on Bamboo Product Manufacturing industries, Project Report on Bamboo Product Manufacturing Industry, Detailed Project Report on Bamboo Furniture Production, Project Report on Bamboo Furniture Production, Pre-Investment Feasibility Study on Bamboo Plywood Production, Techno-Economic feasibility study on Handicraft (Cane & Bamboo) Manufacturing, Feasibility report on Bamboo Plywood Production, Free Project Profile on Bamboo Plywood Production, Project profile on Handicraft (Cane & Bamboo) Manufacturing, Download free project profile on Bamboo Furniture Production, Startup Project for Bamboo Furniture Production, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel, Bamboo: Green Construction Material, Industrial Bamboo, growing opportunity for industrial bamboo products, Engineered bamboo flooring products, Flooring & floor covering (solid strip, solid wide board, 2-ply flooring, industrial flooring, flattened bamboo), Thermally modified decking and cladding. Panels & beams (solid panel, 1-ply panel, veneer, solid joist), Revolution in Bamboo, Industrial Bamboo Products



**For more Projects and further details,
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<https://goo.gl/tKc5bg>
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Major Queries/Questions Answered in Our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**

- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**

- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**

- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**



Reasons for Buying Our Report:

- **The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**



- **The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**



Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**



Free Instant Online Project Identification and Selection Service

Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....[Read more](#)



Download Complete List of Project Reports:

▪ Detailed Project Reports

NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)



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- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



What do We Offer?

- *Project Identification*
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- *Business Plan*
- *Market Research Reports*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*



How are We Different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



Contact us

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