



Bamboo Utilization and Industry Program

Duration: 2022-2032

Host Institution: DOST - Forest Products Research and Development Institute (FPRDI)

Project Description

Bamboo is one of the most economically-important non-timber forest. The program aims to: (1) Develop products and processing technologies to maximize the full utilization of every part of the bamboo; (2) Design and fabricate cost-effective tools/machineries for efficient bamboo processing; (3) Assess the needs of the various bamboo processors in the country; and (4) Transfer FPRDI-generated technologies on bamboo processing and utilization to the industry and local communities products in the Philippines. Its fast growth and excellent properties makes it an ideal substitute to wood for furniture, handicrafts, construction material, and chemical products. Thus, it is explicable that most of the initiatives undertaken worldwide on bamboo utilization are to exploit its use as substitute to wood. Global market for bamboo in 2006 stands at about 7 billion US dollars and was projected to increase to US\$17B from 2015 to 2020.

Experts Needed

- Industrial Designer

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