

# Medium Density Fiberboard (MDF) - Market Survey cum Detailed Techno Economic Feasibility Project Report

## Description:

Medium density fiberboard (MDF) is a generic term for a panel primarily composed of lignocellulosic fibers combined with a synthetic resin or other suitable bonding system and bonded together under heat and pressure. MDF is a wood based composite. The primary constituent is a softwood that has been broken down into wood fibres; that is the very cells (tracheids, vessels, fibres and fibre-tracheids), which are far smaller entities than those used in particleboard. The panels are compressed to a density of 0.50 to 0.80 and specific gravity (31-50 lb/ft<sup>3</sup>). Additives may be introduced during manufacturing to improve certain properties.

## Market Potential

The global potential demand for panel boards is estimated at 250 million m<sup>3</sup> per year and the potential market for MDF alone is 100 million m<sup>3</sup>. The gap of 150 million m<sup>3</sup> can be diverted to particleboard, plywood & OSB. Bulk of the industrial round wood in India is utilized by the saw milling industry, consisting of more than 23,000 units. The projected demand for MDF is 6,70,000 tons, whereas the combined capacity of 2 plants operating in India (Delhi & Calcutta) is only 1,17,000 cubic meters (88,000 tons). Some shortage is covered by MDF imports of around 3,00,000 tons.

## For more details download PDF file

**Keywords:** Medium Density Fiberboard (MDF), Project, consultancy, services, entrepreneur, India, project profiles, Technologies, Opportunities, detailed, feasibility, process, Technology, feasibility study, reports, New Project, Identification, Project Feasibility, Profitable, Industrial, Opportunities, Preparation, Pre-Investment, Pre-Feasibility Studies, Market Surveys, Studies, Techno-Economic, investment, raw material, requirements, manufacturing, process, infrastructure, formulation,

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